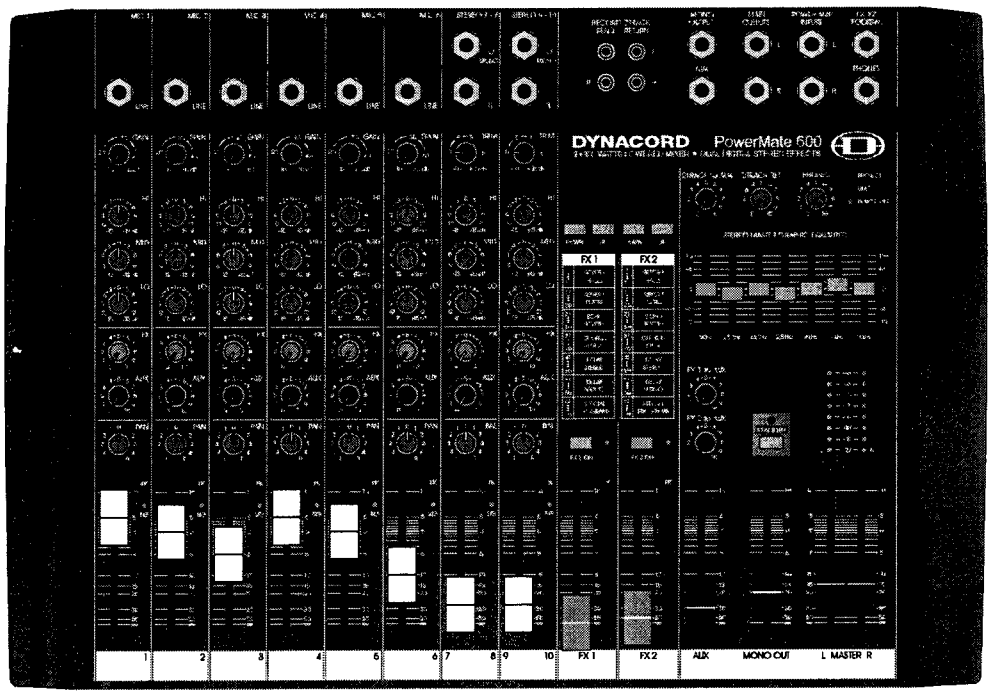
DYNA-00210

# DYNACORD®

## SERVICE MANUAL

03. 1999




# PowerMate 600

POWERED MIXER

*MC-Service*

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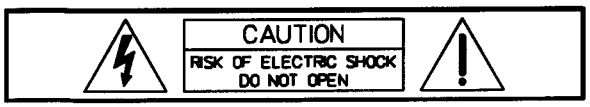
# IMPORTANT SAFETY INSTRUCTIONS




WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
AVIS: RISQUÉ DE CHOC ELECTRIQUE. NE PAS OUVRIR.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintance (servicing) instructions in the literature accompanying the appliance.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a damp cloth.
7. Do not block any of the ventilation openings.
   Install in accordance with the manufactures instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
9. Only use attachments/accessories specified by the manufacturer.
10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

**For US and CANADA only:**

Do not defeat the safety purpose of the grounding-type plug. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrican for replacement of the absolete outlet.

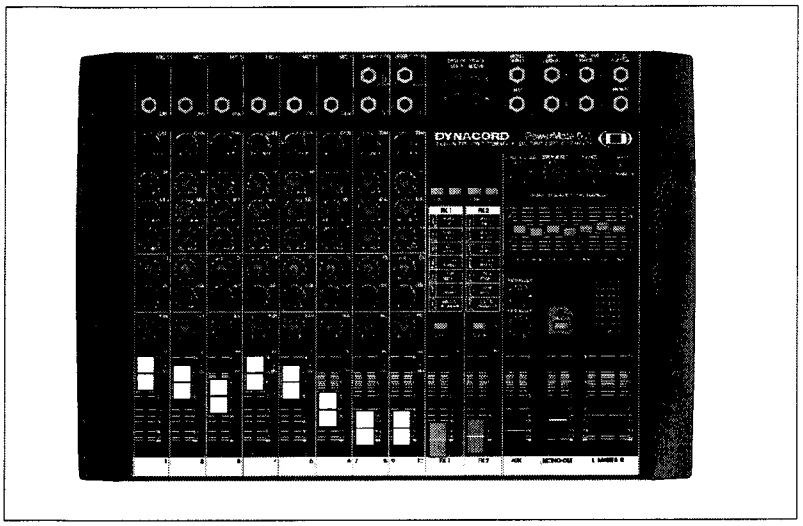
# IMPORTANT SERVICE INSTRUCTIONS

**CAUTION: These servicing instructions are for use by qualified personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the Operating Instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.**

1. Security regulations as stated in the EN 60065 (VDE 0860 / IEC 65) and the CSA E65 - 94 have to be obeyed when servicing the appliance.
2. Use of a mains separator transformer is mandatory during maintenance while the appliance is opened, needs to be operated and is connected to the mains
3. Switch off the power before retrofitting any extensions, changing the mains voltage or the output voltage.
4. The minimum distance between parts carrying mains voltage and any accessible metal piece (metal enclosure), respectively between the mains poles has to be **3 mm** and needs to be minded at all times.
   The minimum distance between parts carrying mains voltage and any switches or breakers that are not connected to the mains (secondary parts) has to be **6 mm** and needs to be minded at all times.
5. Replacing special components that are marked in the circuit diagram using the security symbol (Note) is only permissible when using original parts.
6. Altering the circuitry without prior consent or advice is not legitimate.
7. Any work security regulations that are applicable at the location where the appliance is being serviced have to be strictly obeyed. This applies also to any regulations about the work place itself.
8. All instructions concerning the handling of **MOS** - circuits have to be observed.

**Note:** **SAFETY COMPONENT (HAS TO BE REPLACED WITH ORIGINAL PART ONLY)**

# DYNACORD®



Technische Informationen

*Architects and engineers specifications*

# PowerMate 600

POWERED MIXER

## BESCHREIBUNG

Die PowerMate 600 Kompaktanlage basiert auf mehreren Jahrzehnten Erfahrung, Forschung und Kundennähe im professionellen Audiobereich. Hier haben Sie ein Gerät in dem alles optimal aufeinander abgestimmt ist. Durch die ergonomische Pultform und die übersichtlich, strukturierte Anordnung der Bedienteile haben Sie immer alles im Blick und können schnell und problemlos auf jedes Detail zugreifen. Auch beim Transport des PowerMate werden Sie bald seine Vorzüge zu schätzen wissen. Griffe links und rechts im Seitenteil sowie das geringe Gewicht erlauben Ihnen einen problemlosen Transport des Gerätes, wobei alle empfindlichen Teile wie Knöpfe und Regler von einer stabilen Schutzhaube abgedeckt sind. Mit seiner großen Anzahl von Funktionen, hohen Dynamik, rauscharmen Design, dem 18bit-Dual-Stereo-Effektteil und der 2x300W/4Ohm starken Endstufe ist der PowerMate universell einsetzbar. Egal ob auf der Bühne, beim Homerecording oder in der Festinstallation, zeigt sich der PowerMate als idealer Partner und wird Ihre hohen Ansprüche, die Sie natürlich an ein professionelles Audiogerät stellen, souverän und zuverlässig erfüllen.

Die sechs MIC/Line-Kanäle mit ihren elektronisch symmetrierten XLR- und Klinkeneingängen sind mit einem Gainregler zur Anpassung des Eingangspegels und einer Dreibandklangregelung mit perfekt abgestimmten Einsatzfrequenzen ausgestattet. Mit dem FX-Regler wird das Eingangssignal den Effektteilen zugemischt, und mit dem AUX-Regler das Eingangssignal auf die Ausgangsbuchse AUX an den Sie zum Beispiel eine Monitoranlage anschließen. Über den PAN-Regler können Sie die Position des Eingangssignals im Stereopanorama festlegen, die Lautstärke regeln Sie sanft und präzise über die 60mm Fader. Die beiden Kanäle 7/8 und 9/10 sind zusätzliche echte Stereokanäle für den Anschluß von Stereoquellen wie Keyboards, Drummachines, CD-Playern etc. vorgesehen. Darüber hinaus verfügt die PowerMate 600 über einen 2Track send/return für die Verwendung mit Kassettendeck oder MD-Recorder, der auch bei Benutzung der STANDBY Funktion aktiv bleibt, so daß alle normalen Eingangskanäle aus sind, ohne die Reglereinstellungen zu verändern, und das Signal vom Rekorder trotzdem, zum Beispiel für Pausenmusik, verstärkt werden kann. Die Lautstärke wird hierbei über den 2TRACK RET-Regler eingestellt.

Der 7-Band Stereoequalizer erlaubt ein feinfühliges Anpassen der Musik bzw. des zu übertragenden Signals an die akustischen Gegebenheiten des Raumes. Die Einsatzfrequenzen sind dabei so gewählt, daß optimale Ergebnisse erzielt werden können. Ein zusätzlicher Monoausgang und eine Masteranzeige machen die Ausstattung komplett.

## DESCRIPTION

The design of the PowerMate 600 compact power mixer is based on decades of experience, research and development as well client inter-communication in the professional audio market. With the PowerMate you own a power mixer that offers a wide range of functionality in a very compact frame. All the troubling experiences with cabling and matching mixers, amplifiers, FX units, and equalizers is history. You now own a device with optimally matched components.

The mixer's ergonomic shape and clearly structured controls allow instant access at all times. Also during the transport you will quickly learn to appreciate the PowerMate's superiority: recessed handles on both sides, compact dimensions and low weight. Additionally, a sturdy dust hood protects the controls against damaging. Through its multiple functions, its high dynamic capacity, and extremely low-noise design in combination with the 18bit-Dual-Stereo effects unit and the high-performance 2x300W/4ohms power amplifier, the PowerMate is best equipped for universal use. No matter, whether on-stage, in a home recording environment or in a permanent installation, DYNACORD's PowerMate is the ideal partner to meet your expectations of a professional audio device - effective and reliable.

The six Mic/Line-channels incorporate electronic balanced XLR-type and jack-type input connectors, gain controls that allow optimally matching the input levels, and 3-band EQ-sections with perfectly tailored start frequencies. The "FX"-control determines the amount of the input signal that is send to the effect units. The "AUX"-control sets the input signal level that is send to the AUX-output, which can be used for the connection of the stage-monitor system. The "PAN"-control allows you to adjust the position of the input signal in the stereo image while the precise and smooth setting of a channel's volume is done via the corresponding 60mm fader control.

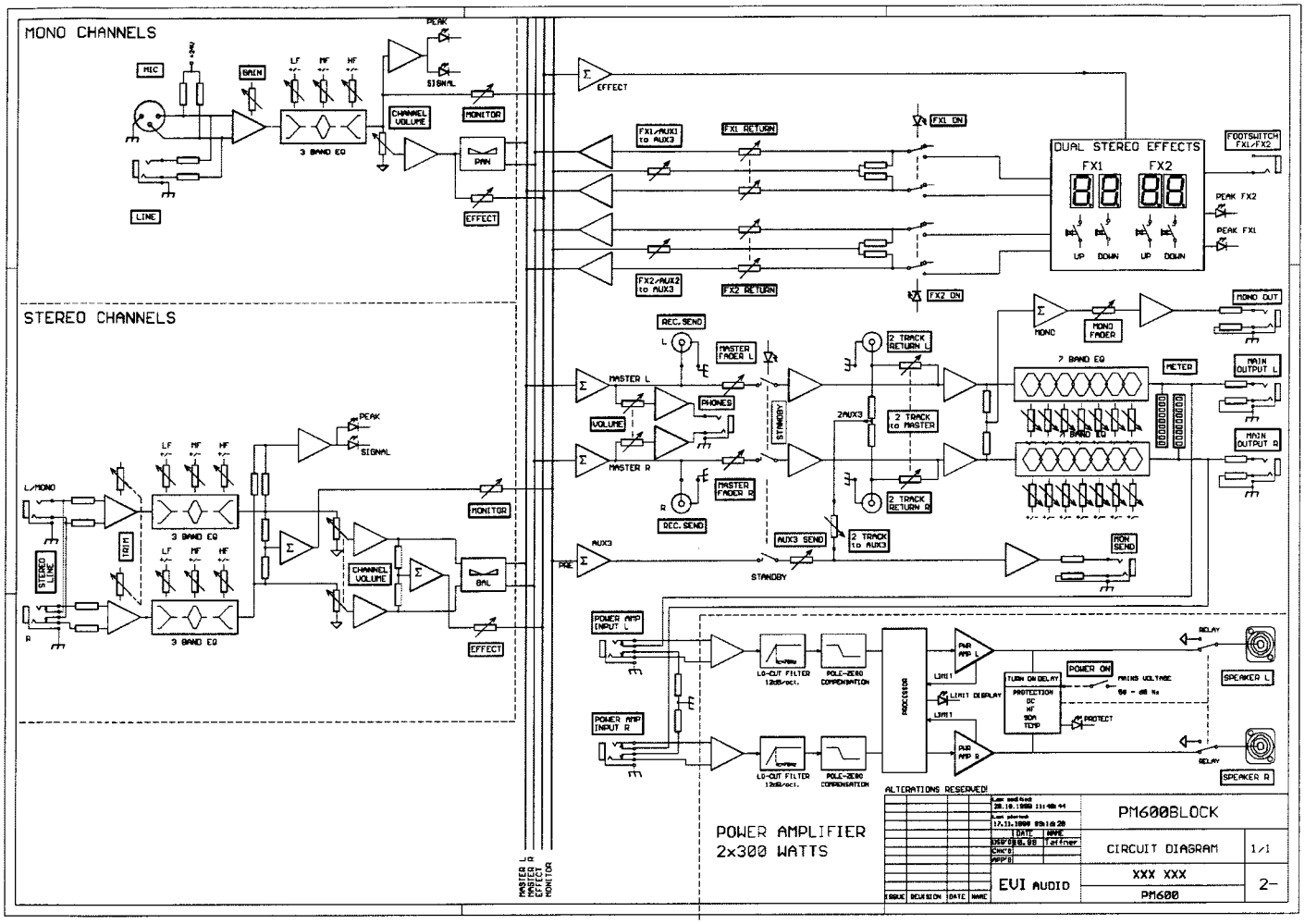
The channel pairs 7/8 and 9/10 are configured as true stereo channels and are meant for the connection of stereo signal sources, like keyboards, drum computers, CD-players, etc. Additionally, the PowerMate 600 has a "2Track send/return" connector which allows the direct feed from cassette decks or MD-recorders. The 2Track send/return stays active even through the PowerMate is set to "STANDBY". In this way all input channels are muted without the need to change the actual fader positions. Nevertheless, the tape deck signal can pass, which for instance provides the possibility to transmit intermission music, where the program's volume is adjusted using the "2TRACK RET"-control. The 7-band stereo equalizer allows precisely matching the transmitted signal to individual environmental and acoustic conditions. The center frequencies of the seven bands are set to values that allow the achievement of optimum results. An additional monaural output and a metering instrument indicating the master level complete the output section.

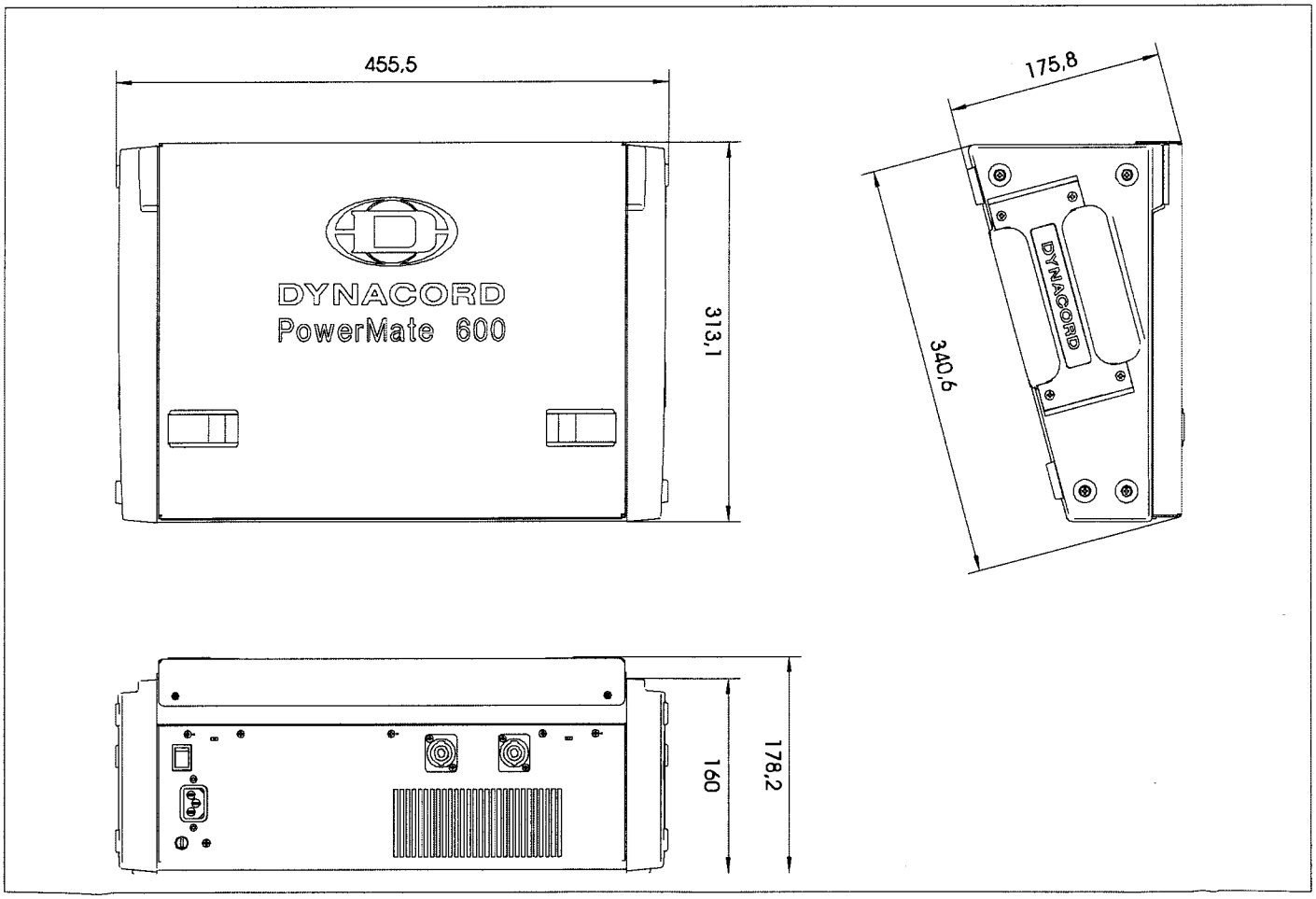
## INTRODUCTION

La conception de la PowerMate 600 s'appuie sur des dizaines d'années d'expérience, de recherche et de développement, d'écoute de nos clients du milieu audio professionnel. La PowerMate est une console amplifiée très compacte, mais offrant de nombreuses possibilités. Fini, les problèmes dus au câblage et à l'adaptation entre consoles, amplificateurs, multieffets et égaliseurs ! La PowerMate rassemble tout cela, pour une adaptation optimale. La forme ergonomique de la console et l'organisation claire de sa surface de contrôle permet à tout moment un accès instantané à toutes les commandes. Vous apprécierez également la supériorité de la PowerMate lorsque vous la transporterez : poignées encastrées disposées de chaque côté, compacité, poids modéré. De surcroît, un robuste capot protège les commandes de tout dommage. La PowerMate est vraiment universelle : fonctions multiples, bruit de fond très faible, deux effets 18 bits stéréo et amplificateur incorporé 2x300 Watts (sur 4 Ohms) de hautes performances. Que vous l'utilisiez sur scène, en home studio ou dans le cadre d'une installation fixe, la DYNACORD PowerMate est votre partenaire idéal, efficace et fiable, et satisfera tous les besoins que vous attendez d'une console audio professionnelle. Les six voies micro/ligne possèdent des connecteurs d'entrée symétrisés électroniquement, de type XLR et jack. Les potentiomètres de gain permettent d'adapter le signal d'entrée au niveau de travail interne de la console. Un égaliseur trois voies est également prévu : ses fréquences d'intervention sont parfaitement étudiées. Les potentiomètres "FX" dosent la proportion de signal envoyée aux effets, tandis que les potentiomètres "AUX" autorisent un second mixage, indépendant des généraux, pour des retours de scène par exemple. Le potentiomètre "PAN" place le son précisément dans l'image stéréo. Le fader de 60 mm permet un dosage précis du volume de la voie correspondante dans le mixage final. Les paires de voies 7/8 et 9/10, configurées comme "vraies" voies stéréo, sont prévues pour accueillir des signaux stéréo, claviers, boîtes à rythme, lecteurs de CD, etc. Par ailleurs, la PowerMate 600 dispose de connecteurs permettant de brancher directement un magnéto à cassette ou un MiniDisc, en entrée comme en sortie. Ce retour bipiste reste actif même si la console se trouve en mode Standby : toutes les voies sont alors coupées sans devoir modifier la position de leurs faders, mais le signal provenant du bipiste est quand même affecté aux généraux, ce qui permet de diffuser de la musique pendant les pauses d'un concert – le niveau étant alors réglé via le potenriomètre "2TRACK RET". L'égaliseur graphique stéréo 2x7 bandes permet d'adapter de façon optimale le mixage aux conditions acoustiques dictées par la salle – ses fréquences d'intervention sont spécialement conçues pour résoudre les problèmes les plus fréquents. La section de sortie est complétée par une sortie mono et un VU-mètre indiquant le niveau du signal du bus des généraux.

## Technical Specifications PM 600

| | |
|---|---|
| **Maximum Midband Output Power**, 1 kHz, THD ≤ 1 % | |
| into 4 ohms | 2 x 340 W |
| into 8 ohms | 2 x 200 W |
| **Rated Output Power**, 20Hz... 20 kHz, THD ≤ 0.2% | |
| into 4 ohms | 2 x 300 W |
| into 8 ohms | 2 x 150 W |
| **Maximum Output Level** | |
| of the power amplifier, no load | 43 Vrms |
| **THD** @ 1 kHz MBW=80kHz | |
| MIC input to Main L/R output, +16 dBu | < 0.006% |
| Power amplifier input to speaker output L/R | < 0.08% |
| **DIM 30**, power amplifier | < 0.03% |
| **IMD-SMPTE** power amplifier, 60Hz, 7 kHz | < 0.2% |
| **Frequency Response**, -3dB ref. 1 kHz | |
| Any input to any mixer output | 15Hz... 60kHz |
| Any input to speaker output L/R | 30Hz... 40kHz |
| **Crosstalk**, 1 kHz | |
| Fader and AUX-Send attenuation | > 80 dB |
| Channel to channel | > 70 dB |
| **CMRR**, MIC input, 1 kHz | > 80 dB |
| **Input Sensitivity**, all volume controls up | |
| MIC input | -74 dBu (155µV) |
| Line input (mono) | -54 dBu (1.55 mV) |
| Line input (stereo) | -34 dBu (15.5 mV) |
| Power amplifier input | +6 dBu (1.55 V) |
| **Maximum Input Level**, mixer | |
| MIC inputs | +11 dBu |
| Line inputs | +30 dBu |
| All other inputs | +20 dBu |
| Record Send output | +14 dBu |
| All other outputs | +20 dBu |
| **Input Impedances** | |
| MIC | 1.8 kohms |
| 2-Track Return | 10 kohms |
| All other inputs | > 15 kohms |
| **Output Impedances** | |
| Record Send | 1 kohms |
| Phones | 47 ohms |
| All other outputs | 75 ohms |
| **Equivalent Input Noise**, MIC Input, A-weighted | -130 dBu |
| **Noise,** Channel inputs to Main outputs L/R, A-weighted | |
| Master fader at minimal setting | -90 dBu |
| Master fader 0 dB, Channel fader at minimal setting | -89 dBu |
| Master fader 0 dB, Channel fader 0 dB, Channel gain unity | -83 dBu |
| **Signal/Noise-Ratio**, power amplifier, A-weighted | 105 dB |
| **Equalization** | |
| LO Shelving | ±15 dB / 60 Hz |
| MID Peaking | ±12 dB / 2.4 kHz |
| HI Shelving | ±15 dB / 12 kHz |
| Master EQ, Stereo 7-band | ±10 dB |
| **Phantom Power**, all MIC inputs | +24V dc |
| **Power Requirements**, factory configured | 100V/120V/230V/240V 50Hz....60Hz |
| **Power Consumption** | |
| at 1/8 of the maximum output power at 4 ohms | 450 W |
| **Dimensions,** (WxHxD), mm | 455,5 x 175,8 x 340.6 |
| **Weight**, including cover | 13 kg |
| **Optional accessories** | |
| Rack-Mount-Kit | 112 741 |
| Wall-Mount-Kit | 112 742 |
| Foot switch FS | 110 693 |


MONO CHANNELS
STEREO CHANNELS
DUAL STEREO EFFECTS
FX1
FX2
POWER AMPLIFIER
2x300 WATTS
PM600BLOCK
CIRCUIT DIAGRAM
1/1
EVI AUDIO
XXX XXX
PM600
2-


455,5
313,1
DYNACORD
PowerMate 600
175,8
340,6
DYNACORD
178,2
160

## GARANTIE

Das Werk leistet Garantie für alle nachweisbaren Material- und Fertigungsfehler für die Dauer von 36 Monaten ab Verkauf.
Garantieleistungen werden nur dann anerkannt, wenn gültige, d.h. vollständig ausgefüllte Garantieunterlagen vorliegen.
Von der Garantie ausgenommen sind alle Schäden, die durch falsche oder unsachgemäße Bedienung verursacht werden. Bei Fremdeingriffen oder eigenmächtigen Änderungen erlischt jeder Garantieanspruch.

## WARRANTY

The manufacturer's warranty covers all substantial defects in materials and workmanship for a period of 36 months from the date of purchase.
Liability claims are accepted solely, when a valid – correctly and completely filled out – Warranty Registration form is presented by the original owner of the product. The warranty does not cover damage that results from improper or inadequate treatment or maintenance. In case of alteration or unauthorized repairs, the warranty is automatically terminated.

## GARANTIE

La garantie constructeur couvre tous les défauts matériels et de main d'œuvre pour une période de 36 mois à compter de la date d'achat. La garantie ne sera reconnue que si la Carte de Garantie, correctement et complètement remplie, est présentée par l'acheteur d'origine du produit. Les dommages dus à un mauvais maniement de l'appareil, à un traitement ou une maintenance incorrects ou inadéquats ne sont pas garantis. Toute modification ou intervention effectuée par une personne non qualifiée entraîne la résiliation automatique de la garantie.

EVI AUDIO GmbH • Hirschberger Ring 45 • 94315 Straubing •Telefon (09421) 706-0 •Telefax (09421) 706-265
Änderungen vorbehalten. Subject to change without prior notice. Printed in Germany 04. 02. 1999 / 356 462
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## Measuring Specifications: complete device, PM 600

**measuring conditions :**

| | |
|---|---|
| measuring tolerance : | X = 1.5 dB |
| measuring frequency : | f = 1 kHz |
| stated levels refer to : | U = 775 mV ( 0 dBu) |
| source impedance Line | R(Q) = 50 Ω |
| source impedance MIC | R(Q) = 150 Ω |
| load impedance mixer outputs | R(L) = 100 kΩ |
| load impedance headphones | R(L) = 2 x 200Ω |
| load impedance power amplifier: | R(L) = 4 , 8Ω |
| EQ-, PAN-, BAL - controls | center position |
| FADER | 0 dB setting |
| Gain control | Unity Gain = 0 dB ( MIC 20 dB ) |
| AUX-, LEVEL - controls | center position |
| measuring standards: | IEC 268, IHF-A |
| security class: | I |
| test voltage IEC65: | 3000 Vrms |
| U(F) = extraneous voltage | un-weighted with B = 22Hz ... 22 kHz, effective value ( IEC 268 ) |
| U(G) = noise voltage | frequency-weighting filter according to CCIR-468-3, quasi peak weighted (IEC 268) |
| U(A) = interference voltage | A-weighted, dB(A), effective value (IEC 268) |

- The printed board assemblies 84192/..... are provided with service connectors. The pin-assignment of the service connectors is:

| CNS 1 | pin-assignment | CNS 2 | pin-assignment |
|---|---|---|---|
| 1 | + Vcc | 1 | LIM L |
| 2 | BIAS + L | 2 | -15 V |
| 3 | BIAS - L | 3 | LIM R |
| 4 | FAN-Voltage | 4 | +15 V |
| 5 | - Vcc | 5 | GND |
| 6 | BIAS + R | 6 | +24 V |
| 7 | BIAS - R | 7 | Relay |
| 8 | Temp +Heatsink | 8 | +5 V |

**1. Operating voltages:**

| | |
|---|---|
| PM 600, Europe | U(B) = 230V / 50Hz ... 60 Hz |
| PM 600, Japan | U(B) = 100V / 50Hz ... 60 Hz |
| PM 600, U.S.A./Canada | U(B) = 120V / 50Hz ... 60 Hz |
| PM 600, Australia | U(B) = 240V / 50Hz ... 60 Hz |

**2. Operating voltage deviation range:** - 30% .... +10%

**3. Power and current consumption (both channels driven):**

| | | PM 600 | PM 600 |
|---|---|---|---|
| | power consumption | current consumption | current consumption |
| idling | 40....60 W | ----- | ----- |
| nominal operation (RL=4 ohms) | 1000 W | 5.0 A / 230 V | 9.5 A / 120 V |

**4. Setting /Adjustments :**

4.1. IDLING CURRENT ADJUSTMENT :

Connect the DC-volt meter at the BIAS measuring points (refer to table) and adjust the idling current via the trim potentiometer (on the printed board assemblies 84192 / 84....). Adjust both power amplifier channels LR.

| setting | measuring point 1 | measuring point 2 | U (DC) | BIAS trimmer |
|---|---|---|---|---|
| BIAS L | CNS 1.2 | CNS 1.3 | 6.5 mV | VR101 |
| BIAS R | CNS 1.6 | CNS 1.7 | 6.5 mV | VR301 |

Adjusting the idling current has to be performed at normal room temperature. In case the power amplifier had previously been operated, it has to be given several hours to regain normal temperature.
4.3. VCA - OFFSET:
Rhythmically open and short-circuit CNS 2.1 and CNS 2.2 for the left channel and CNS 2.3 and CNS 2.2 for the right channel. The CNS' are located on the printed board assemblies 84192/84.... Use VR100 respectively VR300 to adjust the power amplifier outputs to their minimum offset (with oscilloscope to minimal peak value or to the audible minimal volume of the interfering pulse).

**5. Function test :**
5.1. OUTPUT - offset voltage
DC-measurement at the loudspeaker outputs LEFT / RIGHT with U(DC) $\leq \pm$ 10mV.

5.2. LIMITER
5.2.1. Attenuation test
Both channels separately driven with a 1 kHz signal and up to U(A) = 40 V (without load). Increase the input voltage by 10 dB. The LIMITER LED lights and the output voltage ascents by approximately 1 dB to approximately 45 V, slightly clipping. The distortion rate of the limited signal is at THD = 1.0 ... 1.5 %. Increasing the input signal up to a value of + 20 dBu should not result in remarkably higher clipping.
5.2.2 . Attack- and Release times
tests have to be performed for both channels of the power amplifier individually: testing has to be performed without load resistors connected.
1.) Drive the power amplifier with a burst signal ( f = 1kHz, 10 cycles, Rate : $\approx$ 0.5 sec.) and U(E) = +16dBu at the Power Amp Input.
2.) Monitor the output signal via oscilloscope. After 3 to 4 signal periods, the limiter has controlled the major distortion down to a minor residual distortion (THD = 1% .... 1.5 %).
attack time : 3 - 4 ms
release time: 30 - 40 ms

5.3 POWER-ON DELAY :
Make sure that the signal is present at the power amplifier input. Switch the power amplifier via the Power-On switch on. Approximately 2 seconds after switching the power on, the signal will be present at the output.
The relay E1 which is located on the printed board assembly 84192/2 bridges the NTC-resistor that controls the initial inrush current limiter.

5.4 FAN CONTROL :
Upon switching-on the power amplifier, the fans will run for approximately 2 seconds and stop when the power amplifier has regained its "normal" temperature. In idling condition (power-on, no signal present) the fans are switched between the SLOW and OFF mode, depending on the heat sink's temperature. Removing the connector CN18 lets the fans run in FAST mode. Measuring the fan voltage -5.5 VDC has to be performed between CNS 1.4 and CNS 2.5.

5.5. SOAR-PROTECTION TEST:
Channels separately driven up to 35V at 4Ω . Connect an 1Ω resistor parallel. The protection circuit reacts and tries continuously to re-start! The protect-LED lights. Repeat the test with a 2 ohms resistor. The power amplifier should not switch off.

5.6. SHORT-CIRCUIT CURRENT-LIMITING TEST :
Testing has to be performed for both channels of the power amplifier individually and without load:
- drive each channel with a burst signal ( f = 1kHz, 1-3 cycles, rate: 1 sec. ), and U(E) = +6dBu and with a load resistor of 1 Ω connected.
- the short-circuit current-limiter limits the output voltage at the load resistor symmetrically (monitor via oscilloscope) to a peak voltage value of 16V - 18V (approx. 16A - 18A maximum peak-current output).

5.7. DC-VOLTAGE PROTECTION TEST :
Only possible when measuring a single printed board assembly.
Individually perform the test for both power amplifier channels:
- feed the power amplifier with a test signal ( f = 4 Hz ) at FET Q 103, respectively Q 303 Drain and drive the corresponding channel without load resistor connected.

- starting at an input voltage of approximately 10 dBu, the protection circuit reacts and tries continuously to re-start! The Protect-LED lights.
- Repeat the test with f = 14 Hz. The power amplifier should not switch off.

5.8. HF-PROTECTION TEST :

**Caution:** Perform this test only without load resistors connected to the power amplifier. Feed a +20 dBu sine burst signal **f = 80 - 100 kHz** ( 40ms ON, 960 ms OFF ) to each channel of the power amplifier. The protection circuit has to react. The power amplifier tries to re-start continuously. the PROTECT-LED blinks in the same rhythm.

Repeat the test with **f = 50 kHz**. The power amplifier should not switch off.

**6. Level**

All level controls within the signal path set to fully open.

| Input | U(E) | Output | U(A) | Remarks |
|---|---|---|---|---|
| MIC Mono | -60 dBu | MAIN OUTPUT L&R | 20 dBu | Gain max. |
| LINE Mono | -60 dBu | SPEAKER L&R | 28 dBu | ( 19.5 V ) |
| LINE Mono | -60 dBu | AUX | +6 dBu | |
| LINE Mono | -60 dBu | REC. SEND L&R | -16 dBu | |
| LINE Mono | -60 dBu | PHONES L&R | +2 dBu | |
| LINE Stereo L/Mono | -34 dBu | MAIN OUTPUT L&R | +6 dBu | |
| LINE Stereo R | -34 dBu | MAIN OUTPUT R | +6 dBu | |
| LINE Stereo L/Mono | -34 dBu | AUX | +10 dBu | |
| LINE Stereo L/Mono | -34 dBu | MONO | +16 dBu | |
| 2 TRACK RET. L&R | -20 dBu | MONO OUTPUT | 0 dBu | either L or R |
| 2 TRACK RET. L&R | -20 dBu | AUX | -12 dBu | either L or R |
| POWER AMP INPUT L&R | + 6 dBu | SPEAKER L&R | +33 dBu | ( 34.7 V ) signal, without distortion |

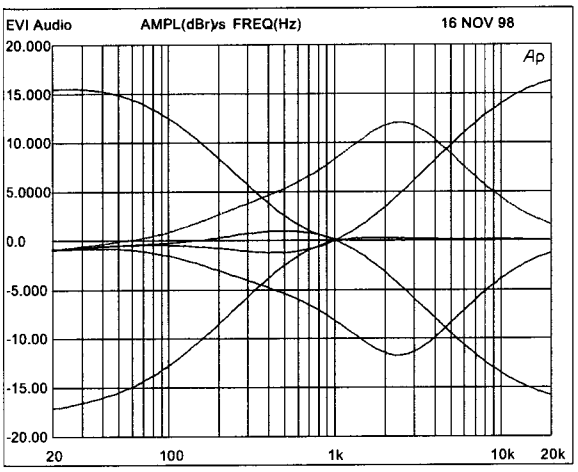
**7. Amplitude - Non-linearity**

Measuring the power amplifier with 8 ohms load resistors connected and driving a single channel
MBW = 80 kHz,

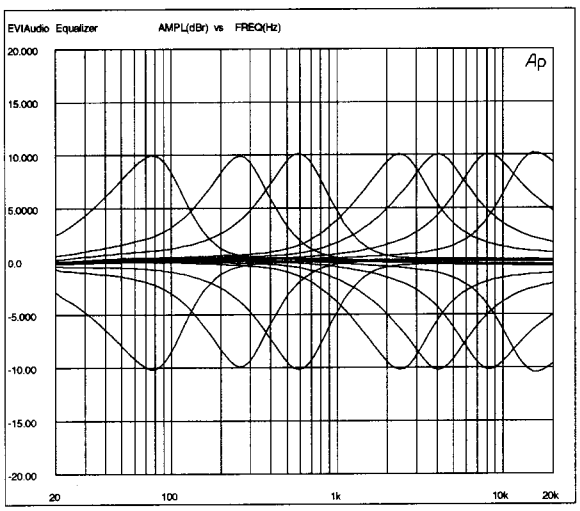
- DIM 30: 3.15 kHz, 15 kHz
- SMPTE: 60 Hz, 7 kHz, 4:1

| Input | Output | THD+N at 1kHz | THD+N at 10kHz | DIM 30 | SMPTE | Remarks |
|---|---|---|---|---|---|---|
| MIC Mono | MAIN OUT L&R | < 0.006 % | < 0.02 % | < 0.01 % | < 0.01 % | U(A) = 16dBu |
| LINE Mono | MAIN OUT L&R | < 0.006 % | < 0.02 % | < 0.01 % | < 0.01 % | U(A) = 10 dBu |
| LINE STEREO | MAIN OUT L&R | < 0.006 % | < 0.02 % | < 0.01 % | < 0.01 % | U(A) = 10 dBu |
| POWER AMP IN | SPEAKER OUT L&R | < 0.03 % | < 0.1 % | < 0.03 % | < 0.05 % | Pab = 150W |

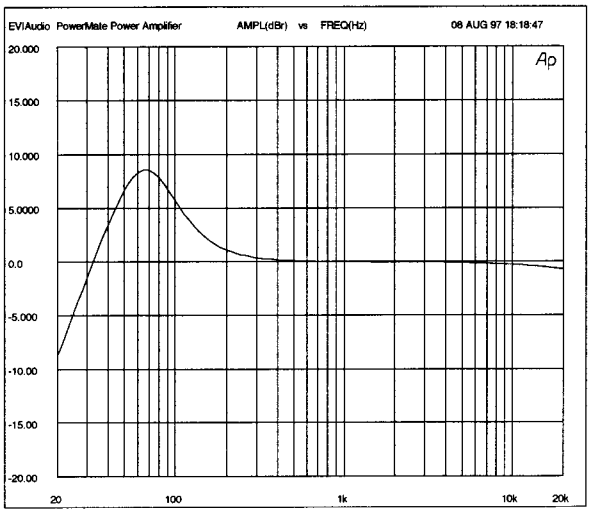
## 8. Frequency response




**EQ Mono / Stereo Input HI / MID / LO**




**7-BAND EQUALIZER MASTER**




**Power Amplifier PM 600**

### 8.2. Frequency margins - 3 dB @ 1 kHz

All level controls within the signal path set to fully open.

| | | PM 600 | |
|---|---|---|---|
| Input | Output | f(u) | f(o) |
| MIC Mono | SPEAKER L&R | 38 Hz | 45 kHz |
| LINE Mono | SPEAKER L&R | 38 Hz | 38 kHz |
| LINE Stereo | SPEAKER L&R | 30 Hz | 28 kHz |
| Power Amp In | SPEAKER L&R | 30 Hz | 50 kHz |
| LINE Stereo | AUX | 10 Hz | 33 kHz |
| LINE Stereo | MONO OUT | 10 Hz | 33 kHz |
| LINE Stereo | REC.SEND | 10 Hz | 33 kHz |

## 9. Noise interference

- U(F) = extraneous voltage un-weighted with B = 22 Hz ... 22 kHz, effective value (IEC 268-1)
- U(G) = noise voltage, frequency-weighting filter according to CCIR-468-3, quasi peak weighted (IEC 268-1)
- U(A) = interference voltage A-weighted, dB(A), effective value (IEC 268-1)
- Signal-to-noise ratio referenced to a nominal output voltage of 36.9 V (+33.5 dBu) at 4 ohms, respectively 1,55V (+6dBu) at the mixer output with interference voltage A-weighted.

| Input | Output | U(F) dBu | U(G) dBu | U(A) dBu | GAIN dB | IN (A)dB u | S/N-Ratio dB | Remarks |
|---|---|---|---|---|---|---|---|---|
| Power Amp In | SPEAKER L&R | -70 | -59 | -72 | 27 | --- | 105 | Power Amp In R(Q) = 50 Ω |
| ---- | MAIN OUT | -88 | -77 | -90 | --- | --- | --- | Master closed |
| ---- | MAIN OUT | -81 | -70 | -83 | --- | --- | --- | Master open, Channel closed |
| MIC Mono | MAIN OUT | -47 | -36 | -49 | 80 | -129 | --- | MASTER, CHANNEL and Gain open. R(Q) = 150Ω |
| MIC Mono | MAIN OUT | -75 | -64 | -77 | 30 | -107 | --- | MASTER, CHANNEL open and Gain closed. R(Q) = 150Ω |
| LINE Stereo | MAIN OUT | -46 | -35 | -48 | 40 | -88 | --- | MASTER, CHANNEL and Gain open |
| LINE Stereo | MAIN OUT | -73 | -63 | -75 | 10 | -85 | --- | MASTER, CHANNEL open and Gain closed |
| LINE Mono | MONO OUT | -65 | -55 | -67 | 20 | -87 | --- | MONO, MASTER, CHANNEL open and Gain closed |
| --- | AUX | -71 | -60 | -73 | --- | --- | --- | AUX open, CHANNEL closed |
| --- | 2 TRACK | -96 | -87 | -100 | --- | --- | --- | CHANNEL closed |

**10. Operating voltages and service measuring points**

Voltages measured at the corresponding pin to GND CNS2.5

| **84192 84.....** | **Power Amp** | **Measured in idling condition** | **interference and ripple voltage U(F)rms** |
|---|---|---|---|
| **CNS 1** | **Assignment** | | |
| 1 | +Vcc | + 65 VDC | 50 mVrms |
| 2-3 | BIAS L | 6.5 mV | ----- |
| 4 | FAN-Voltage | stage 0: +24 V<br>stage I: +6.5 V<br>stage II: -5.5 V | ----- |
| 5 | -Vcc | - 65 VDC | 50 mVrms |
| 6-7 | BIAS R | 6.5 mV | ----- |
| 8 | Temp +Heatsink | variable *1 | ----- |
| **CNS 2** | | | |
| 1 | LIM L | ----- | ----- |
| 2 | -15 V | -15.5 VDC | 100 µVrms |
| 3 | LIM R | ----- | ----- |
| 4 | +15.5 V | +15.5 VDC | 100 µVrms |
| 5 | GND | GND | ----- |
| 6 | +24 V | 24...26 VDC | 50 µVrms |
| 7 | Relay | -24 VDC | ----- |
| 8 | +5 V | +5 VDC | 10 mVrms |

*1 see number 11

**11. Temperature of the heat sink**

DC-voltages measured at CNS 1.8 to CNS 2.5 (GND)

| Heat sink temperature | 25 °C | 40°C | 60°C | 80°C | 100°C | 120°C | 130°C |
|---|---|---|---|---|---|---|---|
| | 2.5 V | 4.3 V | 7.2 V | 10V | 12 V | 13.6 V | 14.2V |

The switch-off point is at approx. 130 °C. The power amplifier enters Protect-Mode.

**12. Phantom power**

DC-voltages of **+ 24 ... + 26 volts** are present at the XLR-type input connectors; between pin 2 and pin 1, respectively between pin 3 and pin 1.

## 13. Effect unit

### 13.1 Level

- FX-control, channel fader, FX-fader, FX1 to AUX, respectively FX2 to AUX, AUX-fader, Master L&R fader at their maximum position.
- FX1 ON-switch, respectively FX2 ON-switch ON. Selected effect program: 0 / 0.

| Input | U(E) | Output | U(A) | Remarks |
|---|---|---|---|---|
| MIC MONO | -40 dBu | MAIN OUTPUT L&R | -3 dBu | Gain min. |
| MIC MONO | -40 dBu | AUX | -3 dBu | Gain min. |
| Line STEREO L / MONO | -20 dBu | MAIN OUTPUT L&R | -4.5 dBu | Line Trim min. |
| Line STEREO L / MONO | -20 dBu | AUX | -4 dBu | Line Trim min. |
| Line STEREO R | -20 dBu | AUX | -10 dBu | Line Trim min. |

### 13.2 Noise interference

- U(F) = extraneous voltage un-weighted with B = 22 Hz ... 22 kHz, effective value (IEC 268-1)
- U(G) = noise voltage, frequency-weighting filter according to CCIR-468-3, quasi peak weighted (IEC 268-1)
- U(A) = interference voltage A-weighted, dB(A), effective value (IEC 268-1)

| Output | U(F) | U(G) | U(A) | Remarks |
|---|---|---|---|---|
| MAIN OUTPUT L&R | -58 dBu | -49 dBu | -60 dBu | MASTER and FX1 / FX2-faders max. Prog. 0 |
| AUX | -60 dBu | -52 dBu | -64 dBu | AUX-fader, FX1 / FX2 to AUX max. Prog. 0 |
| MAIN OUTPUT L&R | -59 dBu | -49 dBu | -60 dBu | MASTER and FX1-faders max. Prog. 5 |
| MAIN OUTPUT L&R | -58 dBu | -49 dBu | -60 dBu | MASTER and FX2-faders max. Prog.55 |

### 13.3 Function test:

Drive the effect units FX1 and FX2, monitor while changing the programs.
7-segment LED-display: All graphs have to be displayed with equal brightness.
The effect unit should not generate digital noise or excessive analog noise in the audio band.
Switching the effects on and off via FX1/2 ON/OFF should not result in switching noise.
Switch the effect on and off via footswitch.

## 14. Indicators

With the mentioned input voltage applied, the LED begins to light. Gain and FX-controls set to their maximum position.
Tolerance: +/- 2 dB.

| Indication | Input | U(E) / dBu |
|---|---|---|
| SIGNAL / Mono channel | LINE Mono | - 52 |
| PEAK / Mono channel | LINE Mono | - 26 |
| SIGNAL / Stereo channel | LINE Stereo L/Mono | - 32 |
| PEAK / Stereo channel | LINE Stereo L/Mono | - 6 |
| PEAK FX1/FX2 | LINE Mono | - 50 |

The display in the master section directly indicates the corresponding output level of the MAIN OUT in dBu.
Check the indicated display value of the MAIN OUT for each LED.

**Specifications** **: PowerMate 600 - complete device**

measuring standard : IEC 268, IHF-A

Level : 0 dBu = 775 mV ( RMS ) measured frequency : 1kHz

**Measuring Conditions**

1. Nominal Power Output Capacity:
Gain control set to UNITY GAIN = 0 dB ( 20 dB MIC ), all faders down,
Master fader set to + 6 dB and all rotary controls at their center position.

2. Equivalent Input Noise

| Input | source impedance | gain control |
|---|---|---|
| LINE | 50 ohms | Unity Gain ( 20dB ) |
| MIC | 150 ohms | Gain max. |

3. Distortion is generally measured via THD+Noise. The bandwidth (MBW) is 80 kHz.
Mixing Console under nominal condition.

| OUT | U(E) at the correspondent input | U(A) at the measured output | frequencies |
|---|---|---|---|
| LINE | +10 dBu | + 16 dBu | 1 kHz, 10 kHz |
| MIC | - 10 dBu | + 16 dBu | 1 kHz, 10 kHz |
| Power Amplifier | + 6 dBu | 150 W / 8 ohms | 20 Hz .... 20 kHz |

4. Frequency response at 20 dB below full modulation.
5. Crosstalk and damping at nominal setting U(A) = 16 dBu with variable band-pass filter.
6. Common mode rejection CMRR (selective with band-pass variable)

| Input | U(E) | output | gain control |
|---|---|---|---|
| LINE | + 16 dBu | Main Out | Unity Gain ( 20dB ) |
| MIC | - 50 dBu | Main Out | Gain max. |

**POWER SUPPLY**

1. Supply voltage: AC
2. Nominal supply voltage PM 600: 112727: **230 V**; 112...: **240V**; 112... : **100 V**; 112750 : **120 V.**
3. Nominal frequency of the power supply: 50 - 60 Hz
4. Deviation range of the power supply: - 30 % ..... + 10 %
5. Power consumption ( both channels driven with a 1 kHz sine signal)

| Power consumption with RL = 4 ohms | **PM 600** | **power consumption** |
|---|---|---|
| Idling power consumption | 40 ... 60 W | |
| Nominal power consumption | 1000 W | 230V / 5,0A |
| Standard power consumption | 350 W | 230V / 2,0A |
| Maximum power consumption (THD=1%) | 1000 W | 230V / 5,0A |
| Power consumption at 1/8 of the maximum output power ( 2 x 38 W ) | 400 W | 230V / 2,2A |
| Power consumption at 1/3 of the maximum output power ( 2 x 100 W ) | 590 W | 230V / 3,3A |

**INPUT CHARACTERISTICS**
Mixer under nominal condition with nominal output level at the mixer outputs. Input sensitivity, gain, channel faders and master fader set to their max. position.

| Input | Nominal input level (dBu) | Input sensitivity | Max. input level (dBu) | Input impedance | Balancing |
|---|---|---|---|---|---|
| MIC | - 60 ... - 10 | -74dBu(155µV) | + 11 | 1.8 k ohms | balanced |
| MONO LINE | - 40 ... + 10 | -54dBu(1,55mV) | + 30 | 18 k ohms | balanced |
| STEREO LINE | - 20 ... + 10 | -34dBu(15.5mV) | + 30 | 18 k ohms | balanced |
| POWER AMP | + 6 | +6dBu(1.55V) | + 20 | 18 k ohms | balanced |
| 2TRACK RET. | + 4 | -9dBu(275mV) | + 14 | > 8 k ohms | unbalanced |

**OUTPUT CHARACTERISTICS Mixer**

| Output | Nominal output level (dBu) | Max. Output level (dBu) | Output impedance | Balancing |
|---|---|---|---|---|
| MAIN OUT | + 6 | + 20 | 75 ohms | GND-Sense |
| MONO OUT | + 6 | + 20 | 75 ohms | GND-Sense |
| AUX SEND | 0 | + 20 | 75 ohms | GND-Sense |
| REC. SEND | - 7.8 ( - 10 dBV ) | + 16 | 1 k ohm | unbalanced |
| PHONES | - 2 / 200 ohms | + 18 / 200 ohms | 47 ohms | unbalanced |

**OUTPUT CHARACTERISTICS Power Amplifier**

| Nominal input voltage at the Power Amp In | Nominal load impe-dance | Nominal output power, Single Channel THD < 0.1% | Maximum output power, Single Channel, THD=1% | Max. Single Channel Output Power )1 | Nominal output voltage | Max. Idling output voltage | Maximum Output voltage THD=1% |
|---|---|---|---|---|---|---|---|
| + 6 dBu | 8 | 150 W | 200 W | 210 W | 34.7 V | 43 V | 40.0 V |
| + 6 dBu | 4 | 300 W | 340 W | 390 W | 34.7 V | 43 V | 36.9 V |

)1 measured with a **Dynamic Headroom-Test Signal** according to IHF-A: 1 kHz Burst, 20ms On, 480 ms Off

**STABILIZING of the power amplifier**
Single Channel, standard output voltage

| | 8 ohms | 4 ohms |
|---|---|---|
| **Stabilizing** | 0.6 % | 1.2 % |
| **Stabilizing level** | 0.05 dB | 0.1 dB |

**FREQUENCY RESPONSES**
**Amplification frequency response** (-3 dB drop compared to the level at the standard frequency of 1kHz) **:**

| | f (u) b - 3 dB | f (o) - 3 dB |
|---|---|---|
| Any mixer input to any mixer output, better than | 15 Hz | 60 kHz |
| Any mixer input to SPEAKER OUT L & R, better than | 30 Hz | 40 kHz |

**Distortion-limited transmission rage (power bandwidth) power amplifier:**

| Input | f (u) | f (o) | Remarks |
|---|---|---|---|
| Power Amp Input | 15 Hz | 60 kHz | THD=0.4%, 1/2 nominal power at 4 ohms, MBW = 500 kHz |

**AMPLITUDE NON-LINEARITIES** (Single Channel)

| Power amplifier Input = Power Amp In | Power amplifier R(L) = 8 ohms | Power amplifier R(L) = 4 ohms | Remarks |
|---|---|---|---|
| **Nominal THD** | < 0.03 % / < 0.1 % | < 0.1 % / < 0.2 % | MBW=80 kHz, f=1kHz / 10 kHz |
| **Standard THD** | < 0.03 % / < 0.03 % | < 0.1% / < 0.1 % | MBW=80 kHz, f=1kHz / 10 kHz |
| **IMD-SMPTE** | < 0.05 % | < 0.5 % | 60 Hz, 7 kHz |

| | | | |
|---|---|---|---|
| **DIM 30** | < 0.03 % | < 0.05 % | 3.15 kHz, 15 kHz |
| **DIM 100** | < 0.03 % | < 0.05 % | 3.15 kHz, 15 kHz |

| **Mixer section** | **Distortion f = 1 kHz** | **Distortion f = 10 kHz** | **Remarks** |
|---|---|---|---|
| LINE Input -> MAIN OUT | < 0.006 % | < 0.02 % | |
| LINE Input -> MONO OUT | < 0.006 % | < 0.02 % | |
| LINE Input -> AUX SEND | < 0.006 % | < 0.02 % | |
| MIC Input - MAIN OUT | < 0.006 % | < 0.02 % | |
| 2TRACK -> MAIN OUT | < 0.006 % | < 0.015 % | |

**CROSSTALK AND DAMPING**

| | f = 1kHz | f = 10 kHz | Remarks |
|---|---|---|---|
| **Fader attenuation** | | | |
| MONO CHANNEL | > 80 dB | > 80 dB | |
| STEREO CHANNEL | > 80 dB | > 75 dB | |
| MASTER | > 80 dB | > 80 dB | |
| MONO | > 80 dB | > 75 dB | |
| AUX/FX | > 80 dB | > 80 dB | |
| **Control attenuation** | | | |
| AUX | > 80 dB | > 75 dB | |
| PAN (BAL) | > 60 dB | > 60 dB | |
| 2 TRACK RETURN | > 90 dB | > 90 dB | |
| **Switch-off attenuation** | | | |
| STANDBY | > 90 dB | > 80 dB | |
| **Crosstalk** | | | |
| Power amplifier L/R | > 80dB | > 75 dB | Power Amp In / 8 ohms |
| Channel - Channel | > 70 dB | > 70 dB | |
| **Common mode rejection** | | | |
| CMRR MIC | > 80 dB | > 60 dB | |
| CMRR LINE | > 40 dB | > 40 dB | |
| CMRR STEREO LINE | > 40 dB | > 40 dB | |

**NOISE INTERFERENCE**

- U(F) = extraneous voltage un-weighted with B = 22 Hz ... 22 kHz, effective value (IEC 268-1)
- U(G) = noise voltage, frequency-weighting filter according to CCIR-468-3, quasi peak weighted (IEC 268-1)
- U(A) = interference voltage A-weighted, dB(A), effective value (IEC 268-1)
- Signal-to-noise ratio referenced to a nominal output voltage of 36.9 V (+33.5 dBu) at 4 ohms, respectively 1,55V (+6dBu) at the mixer output with interference voltage A-weighted.

| Measurement | U(F) | U(A) | U(G) | IN (A) | S/N-Ratio(A) | Output | Remarks |
|---|---|---|---|---|---|---|---|
| Power amplifier | -70 dBu | -72 dBu | -59 dBu | ------ | 105 dB | SPEAKER OUT | Power Amp In, R(Q) = 50 Ω |
| Residual noise Master | -88 dBu | -90 dBu | -77 dBu | ------ | 96 dB | MAIN OUT | MASTER closed |
| Noise at the MASTER sum | -88 dBu | -89 dBu | -76 dBu | ------ | ------ | MAIN OUT | MASTER open 0dB, Channel closed |
| typical mixer noise | -81 dBu | -83 dBu | -70 dBu | ------ | ------ | MAIN OUT | All faders at 0 dB, Unity Gain |
| MIC (150 ohms) | -68 dBu | -70 dBu | -57 dBu | 130 dBu | ------ | MAIN OUT | Gain max. (60 dB) Master at 0dB |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LINE ( 50 ohms) | -59 dBu | - 60 dBu | - 47 dBu | 100 dBu | ------ | MAIN OUT | Gain max. (40 dB) |

Power amplifier ATTENUATION > 200

Power amplifier SLEW RATE > 20 V/µs

**INDICATORS**

PEAK / Channel : 6 dB below full modulation
SIGNAL / Channel : 25 dB below PEAK-indication
MAIN 8-segment : 27 dB ... + 6 dB ( measured in dBu at the MAIN OUT )
PEAK / FX1/2 : 6 dB below full modulation

**PHANTOM POWER** : fixed +24V

**SOUND SHAPING**

| | LO (shelving) | MID (peaking) | HI (shelving) |
|---|---|---|---|
| MONO (MIC) INPUT | 15 dB / 60 Hz | 12 dB / 2.4 kHz Q = 0.7 | 15 dB / 12 kHz |
| STEREO (LINE) INPUT | 15 dB / 60 Hz | 12 dB / 2.4 kHz Q = 0.7 | 15 dB / 12 kHz |

**EQUALIZER in the master section**

2 x 7 Band : 80 Hz, 250 Hz, 630 Hz, 2.5 kHz, 4 kHz, 8 kHz, 16 kHz; 10 dB, Q = 1.4

**EFFECT UNIT** 2 separately controllable stereo effect units, 18-Bit, with UP/DOWN keys, each providing 99 preset programs (delay, reverb, modulation and mixed programs)

**DIMENSIONS AND WEIGHT**

| | **PM 600 Console** | **PM 600 Rack Mount** | **PM 600 Wall Mount** |
|---|---|---|---|
| **Width** | 455.5 mm | 483 mm | 455.5 mm |
| **Height** | 175.8 mm | 310.3 mm ( 7 HU) | 340.6 mm |
| **Depth** | 340.6 mm | 159 mm | mm |
| **Weight** | 13 kg | 13.5 kg | 14 kg |

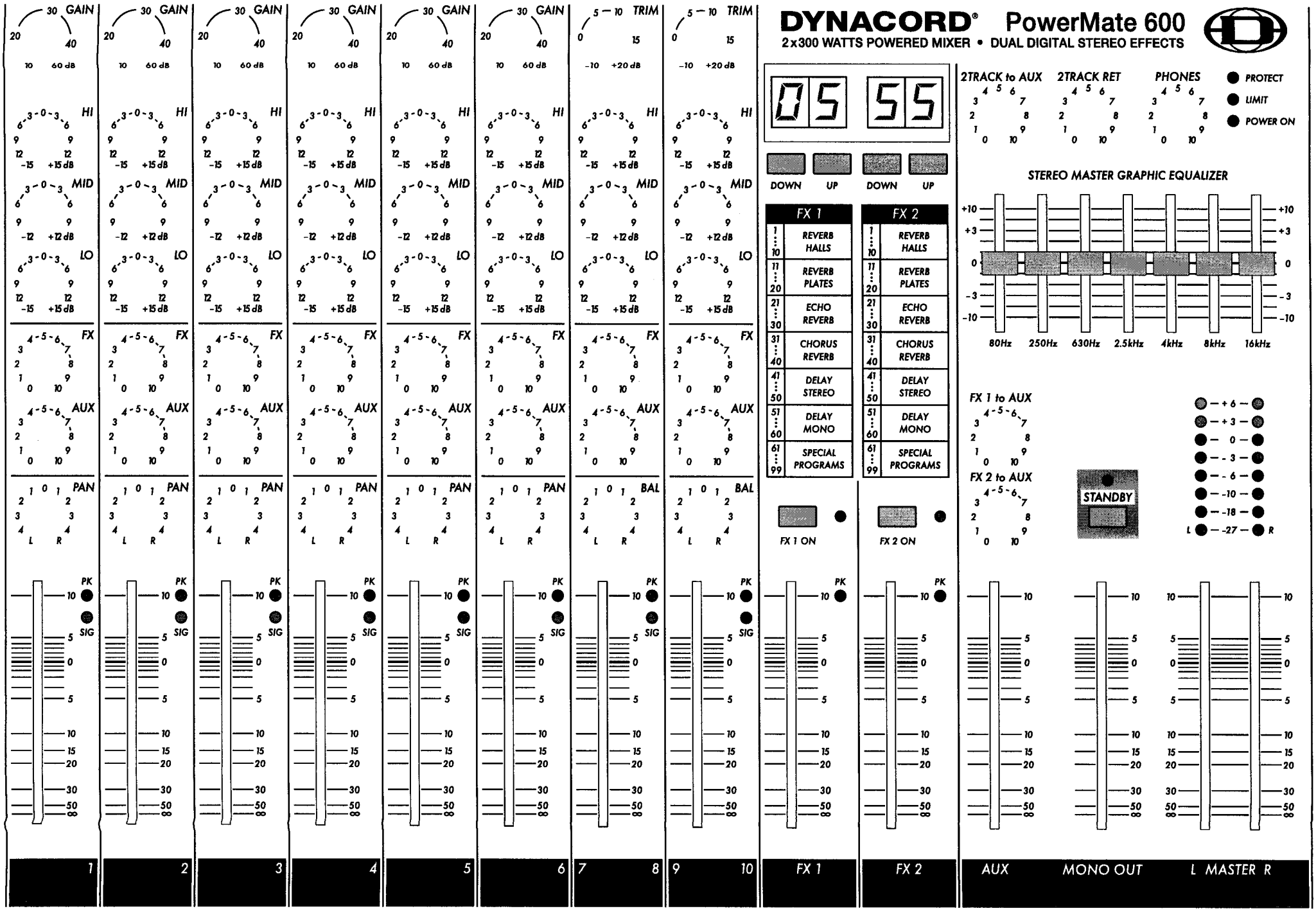
**EXTENSIONS**

**NRS 90 239** Rack-mount ears for the PM 600 No. 112 741
**NRS 90 242** Wall-mount kit for the PM 600 No. 112 742

**ACCESSORY**

**DCN 110693** Footswitch FS11

**MOUNTING INSTRUCTION** when vertically mounting the mixer in a rack-shelf system
To prevent the appliance from suffering from thermal overload, it is necessary to install blind panels with ventilation louvres and with a height of 2 HU each, above and below the PM600. During the operation, both, the front and the rear of the rack-shelf system have to be opened.


DYNACORD® PowerMate 600
2x300 WATTS POWERED MIXER • DUAL DIGITAL STEREO EFFECTS
GAIN
TRIM
HI
MID
LO
FX
AUX
PAN
BAL
PK
SIG
2TRACK to AUX
2TRACK RET
PHONES
PROTECT
LIMIT
POWER ON
STEREO MASTER GRAPHIC EQUALIZER
80Hz 250Hz 630Hz 2.5kHz 4kHz 8kHz 16kHz
DOWN UP DOWN UP
FX 1
FX 2
REVERB HALLS
REVERB PLATES
ECHO REVERB
CHORUS REVERB
DELAY STEREO
DELAY MONO
SPECIAL PROGRAMS
FX 1 ON
FX 2 ON
FX 1 to AUX
FX 2 to AUX
STANDBY
1 2 3 4 5 6 7 8 9 10 FX 1 FX 2 AUX MONO OUT L MASTER R

**Ersatzteilliste - Bill of Materials**

| | 112727 | PowerMate 600 | |
|---|---|---|---|

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| | | **Zubehör** | **Accessories & packing material** |
| | 356210 | BEDIENUNGSANL. POWERM.600 | owner's manual pm600 |
| | 356308 | QUICK START POWERMATE 600 | quick start pm600 |
| | 300425 | KABEL-NETZ 2.0 M 10A | power cable Europe |
| | 356211 | KRT. PM.600 515X387X240 | carton inner |
| | 356212 | STYROPOR-EINL. LI. PM.600 | carton filler foam left |
| | 356213 | STYROPOR-EINL. RE. PM.600 | carton filler foam right |
| | 358175 | KRT. PSX 600 AUSSEN | carton outer |
| | 337053 | SCHUTZHÜLLE 650X800X0,08 | poly bag |
| | | **Mechanische Teile** | **Cabinet material** |
| B0010 | 341343 | BUCHSE-SPEAKON-VIERECK 4POL | speaker socket 4-pole |
| C0001 | 333014 | KO-SO 0.10MF 275V 20% L | safety cap 100nF/275V |
| G0010 | 343270 | GLRI GBPC 3504 | rectifier GBPC-P 3504 |
| | 353911 | EINLEGEFOLIE POWERM.1000 | mylar window |
| | 355153 | SK 25X13 WS/SW 4X1,2 | knob fader |
| | 355155 | SK 25X13 BL/GR 4X1,2 | knob fader |
| | 355154 | SK 25X13 BL/GR 4X1,2 | knob fader |
| | 355156 | SK 25X13 RT/GR 4X1,2 | knob fader |
| | 353648 | SK 7X10 GR 4X1,2 | knob fader |
| | 353879 | TK 10X5 GR 3,3 | push button |
| | 353905 | DK 11 GR/GR/RT B 6FL | knob rotary |
| | 353909 | DK 11 GR/GR/GR B 6FL | knob rotary |
| | 353907 | DK 11 GR/GR/BL B 6FL | knob rotary |
| | 353906 | DK 11 GR/GR/BL B 6FL | knob rotary |
| | 348415 | LÜFTER TYP FBAO8A24H DC | fan dc 24V |
| | 356237 | SEITENTEIL LINKS LACKIERT | side panel left |
| | 356238 | SEITENTEIL RECHTS LACKIERT | side panel right |
| | 355513 | GRIFF POWERMATE 1000 | handle |
| | 355287 | BEZ. SCHILD POWERM.-GRIFF | label |
| | 349627 | KABEL-KONFEKT 4POL 0.320M | ribbon cable assy 4-way |
| | 346151 | KABEL-KONFEKT 4POL 0.065M | ribbon cable assy 4-way |
| | 356643 | KABEL-KONFEKT 20POL 0.520M | ribbon cable assy 20-way |
| | 355152 | NIPPEL POWERMATE 1000 | plastic nipple |
| | 355151 | SCHNAPPVERSCHLUSS SER.102 | latch top cover |
| | 355986 | FB.P-M.600 BED | front panel pm600 |
| | 355996 | BOD.PM.600 BED | chassis pm600 |
| | 356059 | DEC.PM.600 BED | top cover |
| | 354955 | NT-RG.PM 600 230V | mains transformer 230V |
| | 348341 | FEDERLEISTE 3POL CE100- | connector female 3-pole |
| | 348341 | FEDERLEISTE 3POL CE100- | connector female 3-pole |
| | | **Platinen, bestückt** | **Printed circuit boards assy** |
| | **813438** | **PCBAR#PM 600** | **pcb assy mixing console** |
| CN001 | 349105 | MESSERLST. 20POL | connector male 20-pin |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| CN003 | 348488 | FEDERLEISTE 6POL 2.54MM | connector female 6-pole |
| CN004 | 348488 | FEDERLEISTE 6POL 2.54MM | connector female 6-pole |
| CN005 | 348488 | FEDERLEISTE 6POL 2.54MM | connector female 6-pole |
| C0001 | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C0002 | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C0003 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0004 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C001A | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C001B | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C001C | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C001D | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C001E | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C001F | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C002A | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C002B | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C002C | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C002D | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C002E | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C002F | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C003A | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C003B | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C003C | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C003D | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C003E | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C003F | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C004A | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C004B | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C004C | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C004D | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C004E | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C004F | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C005A | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C005B | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C005C | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C005D | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C005E | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C005F | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C006A | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C006B | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C006C | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C006D | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C006E | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C006F | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C007A | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C007B | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C007C | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C007D | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C007E | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C007F | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C008A | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C008B | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C008C | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C008D | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| C008E | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C008F | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C009A | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C009B | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C009C | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C009D | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C009E | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C009F | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C010A | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C010B | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C010C | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C010D | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C010E | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C010F | 301543 | KO-KER 330.0PF 500V 10% | cap ceramic 330pF |
| C011A | 346841 | KO-EL 47.000MF 16V | cap electrolytic 47uF/16V |
| C011B | 346841 | KO-EL 47.000MF 16V | cap electrolytic 47uF/16V |
| C011C | 346841 | KO-EL 47.000MF 16V | cap electrolytic 47uF/16V |
| C011D | 346841 | KO-EL 47.000MF 16V | cap electrolytic 47uF/16V |
| C011E | 346841 | KO-EL 47.000MF 16V | cap electrolytic 47uF/16V |
| C011F | 346841 | KO-EL 47.000MF 16V | cap electrolytic 47uF/16V |
| C012A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C012B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C012C | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C012D | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C012E | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C012F | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C013A | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C013B | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C013C | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C013D | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C013E | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C013F | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C014A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C014B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C014C | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C014D | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C014E | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C014F | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C015A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C015B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C015C | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C015D | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C015E | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C015F | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C016A | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C016B | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C016C | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C016D | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C016E | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C016F | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C017A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C017B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C017C | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| C017D | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C017E | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C017F | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C018A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C018B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C018C | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C018D | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C018E | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C018F | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C019A | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C019B | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C019C | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C019D | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C019E | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C019F | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C020A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C020B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C020C | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C020D | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C020E | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C020F | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0200 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C0201 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C0202 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0203 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0204 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C0205 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C0206 | 335787 | KO-KER 15.0PF 100V 2% | cap ceramic 15pF |
| C0207 | 335787 | KO-KER 15.0PF 100V 2% | cap ceramic 15pF |
| C0208 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0209 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C021A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C021B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C021C | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C021D | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C021E | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C021F | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0210 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0211 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0212 | 342937 | KO-FOL 1.000MF 63V 5% | cap mylar 1uF |
| C0213 | 342937 | KO-FOL 1.000MF 63V 5% | cap mylar 1uF |
| C0214 | 344105 | KO-FOL 0.027MF 100V 5% | cap mylar 27nF |
| C0215 | 344105 | KO-FOL 0.027MF 100V 5% | cap mylar 27nF |
| C0216 | 340244 | KO-FOL 0.330MF 63V 5% | cap mylar 330nF |
| C0217 | 340244 | KO-FOL 0.330MF 63V 5% | cap mylar 330nF |
| C0218 | 337181 | KO-FOL 0.010MF 100V 5% | cap mylar 10nF |
| C0219 | 337181 | KO-FOL 0.010MF 100V 5% | cap mylar 10nF |
| C022A | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C022B | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C022C | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C022D | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C022E | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C022F | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| C0220 | 354958 | KO-FOL 0.180MF 63V 5% | cap mylar 180nF |
| C0221 | 354958 | KO-FOL 0.180MF 63V 5% | cap mylar 180nF |
| C0222 | 327393 | KO-FOL 4700.000PF 63V 5% | cap mylar 4700pF |
| C0223 | 327393 | KO-FOL 4700.000PF 63V 5% | cap mylar 4700pF |
| C0224 | 344109 | KO-FOL 0.056MF 63V 5% | cap mylar 56nF |
| C0225 | 344109 | KO-FOL 0.056MF 63V 5% | cap mylar 56nF |
| C0226 | 327391 | KO-FOL 1500.000PF 100V 5% | cap mylar 1500pF |
| C0227 | 327391 | KO-FOL 1500.000PF 100V 5% | cap mylar 1500pF |
| C0228 | 354957 | KO-FOL 0.039MF 100V 5% | cap mylar 39nF |
| C0229 | 354957 | KO-FOL 0.039MF 100V 5% | cap mylar 39nF |
| C023A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C023B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C023C | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C023D | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C023E | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C023F | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0230 | 343397 | KO-FOL 1000.000PF 100V2.5% | cap mylar 1nF |
| C0231 | 343397 | KO-FOL 1000.000PF 100V2.5% | cap mylar 1nF |
| C0232 | 344104 | KO-FOL 0.018MF 100V 5% | cap mylar 18nF |
| C0233 | 344104 | KO-FOL 0.018MF 100V 5% | cap mylar 18nF |
| C0234 | 328365 | KO-FOL 560.000PF 100V 5% | cap mylar 560pF |
| C0235 | 328365 | KO-FOL 560.000PF 100V 5% | cap mylar 560pF |
| C0236 | 337181 | KO-FOL 0.010MF 100V 5% | cap mylar 10nF |
| C0237 | 337181 | KO-FOL 0.010MF 100V 5% | cap mylar 10nF |
| C0238 | 300050 | KO-FOL 330.000PF 100V 5% | cap mylar 330pF |
| C0239 | 300050 | KO-FOL 330.000PF 100V 5% | cap mylar 330pF |
| C024A | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C024B | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C024C | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C024D | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C024E | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C024F | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C0240 | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C0241 | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C0242 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C0243 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C0244 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0245 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0246 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0247 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0248 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0249 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C025A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C025B | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C025C | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C025D | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C025E | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C025F | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0250 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0251 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0252 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0253 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0254 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| C0255 | 335787 | KO-KER 15.0PF 100V 2% | cap ceramic 15pF |
| C0256 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C0257 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0258 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0259 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0260 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C0261 | 335787 | KO-KER 15.0PF 100V 2% | cap ceramic 15pF |
| C0262 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0263 | 335787 | KO-KER 15.0PF 100V 2% | cap ceramic 15pF |
| C0264 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0265 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C0266 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0267 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0268 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0269 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C027A | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C027B | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C027C | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0270 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0271 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0272 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0273 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0274 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0275 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0276 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0277 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0278 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0279 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C028A | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C028B | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C028C | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0280 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0281 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0282 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0283 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0284 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0285 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0286 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0288 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0289 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C029A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C029B | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C029C | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0290 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0291 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0292 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0293 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0294 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0295 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0296 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0297 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0298 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0299 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| C030A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C030B | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C030C | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0300 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C0301 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0302 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0303 | 301566 | KO-KER 2200.0PF 100V 10% | cap ceramic 2200pF |
| C0304 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C0305 | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C031A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C031B | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C031C | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C032A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C032B | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C032C | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0323 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C033A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C033B | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C033C | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C034A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C034B | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C034C | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C035A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C035B | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C035C | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C035D | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C035E | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C035F | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0350 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0351 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0352 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0353 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0354 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0355 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0356 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0357 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0358 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0359 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0360 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0361 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0362 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0363 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0364 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0365 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0366 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0367 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0370 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0371 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0372 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0373 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0376 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0377 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0378 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| C0379 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0380 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0381 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0382 | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C0400 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C0402 | 340521 | KO-EL 2.200MF 50V | cap electrolytic 2.2uF/50V |
| C0403 | 340521 | KO-EL 2.200MF 50V | cap electrolytic 2.2uF/50V |
| C050A | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C050B | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C051A | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C051B | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C052A | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C052B | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C053A | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C053B | 345461 | KO-KER 680.0PF 100V 10% | cap ceramic 680pF |
| C054A | 306059 | KO-KER 3.9PF 500V0.25 | cap ceramic 3.9pF |
| C054B | 306059 | KO-KER 3.9PF 500V0.25 | cap ceramic 3.9pF |
| C055A | 306059 | KO-KER 3.9PF 500V0.25 | cap ceramic 3.9pF |
| C055B | 306059 | KO-KER 3.9PF 500V0.25 | cap ceramic 3.9pF |
| C056A | 306059 | KO-KER 3.9PF 500V0.25 | cap ceramic 3.9pF |
| C056B | 306059 | KO-KER 3.9PF 500V0.25 | cap ceramic 3.9pF |
| C057A | 306059 | KO-KER 3.9PF 500V0.25 | cap ceramic 3.9pF |
| C057B | 306059 | KO-KER 3.9PF 500V0.25 | cap ceramic 3.9pF |
| C058A | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C058B | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C059A | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C059B | 354031 | KO-EL 470.000MF 10V | cap electrolytic 470uF/10V |
| C060A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C060B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C061A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C061B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C062A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C062B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C063A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C063B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C064A | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C064B | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C065A | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C065B | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C066A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C066B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C067A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C067B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C068A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C068B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C069A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C069B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C070A | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C070B | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C071A | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C071B | 342934 | KO-FOL 0.033MF 100V 5% | cap mylar 33nF |
| C072A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C072B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| C073A | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C073B | 342932 | KO-FOL 0.015MF 100V 5% | cap mylar 15nF |
| C074A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C074B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C075A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C075B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C076A | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C076B | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C077A | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C077B | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C078A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C078B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C079A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C079B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C080A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C080B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C081A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C081B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C082A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C082B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C083A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C083B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C084A | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C084B | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C085A | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C085B | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C086A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C086B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C087A | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C087B | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C088A | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C089A | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C090A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C091A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C092A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C093A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C094A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C095A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C108A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C108B | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C110A | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C110B | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C111A | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C111B | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C112A | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C112B | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| D001A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D001B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D001C | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D001D | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D001E | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D001F | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D002A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| D002B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D002C | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D002D | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D002E | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D002F | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D004A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D004B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D004C | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D004D | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D004E | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D004F | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D005A | 354004 | LED GN 3MM LOW CURRENT | led green |
| D005B | 354004 | LED GN 3MM LOW CURRENT | led green |
| D005C | 354004 | LED GN 3MM LOW CURRENT | led green |
| D005D | 354004 | LED GN 3MM LOW CURRENT | led green |
| D005E | 354004 | LED GN 3MM LOW CURRENT | led green |
| D005F | 354004 | LED GN 3MM LOW CURRENT | led green |
| D006A | 354003 | LED RT 3MM LOW CURRENT | led red |
| D006B | 354003 | LED RT 3MM LOW CURRENT | led red |
| D006C | 354003 | LED RT 3MM LOW CURRENT | led red |
| D006D | 354003 | LED RT 3MM LOW CURRENT | led red |
| D006E | 354003 | LED RT 3MM LOW CURRENT | led red |
| D006F | 354003 | LED RT 3MM LOW CURRENT | led red |
| D007A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D007B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D007C | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D007D | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D007E | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D007F | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D008A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D008B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D008C | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D008D | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D008E | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D008F | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0200 | 354003 | LED RT 3MM LOW CURRENT | led red |
| D0201 | 354003 | LED RT 3MM LOW CURRENT | led red |
| D0202 | 328788 | DIODZ BZX 55C 5V1 0.50W | diode zener 5V1 |
| D0203 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0204 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0205 | 329511 | DIODZ BZX 55C 2V4 0.50W | diode zener 2V4 |
| D0206 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0207 | 354003 | LED RT 3MM LOW CURRENT | led red |
| D0208 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0209 | 354003 | LED RT 3MM LOW CURRENT | led red |
| D0210 | 354003 | LED RT 3MM LOW CURRENT | led red |
| D0400 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0401 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0402 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0403 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0404 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0405 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0406 | 354004 | LED GN 3MM LOW CURRENT | led green |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| D0407 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0408 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0409 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0410 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0411 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0412 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0413 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0414 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0415 | 354004 | LED GN 3MM LOW CURRENT | led green |
| D0416 | 354005 | LED GE 3MM LOW CURRENT | led yellow |
| D0417 | 354005 | LED GE 3MM LOW CURRENT | led yellow |
| D0418 | 354005 | LED GE 3MM LOW CURRENT | led yellow |
| D0419 | 354005 | LED GE 3MM LOW CURRENT | led yellow |
| D050A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D050B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D051A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D051B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D052A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D052B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D053A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D053B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D054A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D054B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D055A | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D055B | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D056A | 354004 | LED GN 3MM LOW CURRENT | led green |
| D056B | 354004 | LED GN 3MM LOW CURRENT | led green |
| D057A | 354003 | LED RT 3MM LOW CURRENT | led red |
| D057B | 354003 | LED RT 3MM LOW CURRENT | led red |
| E0400 | 356745 | RELAIS M4-24H | relay 24V |
| I001A | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I001B | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I001C | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I002A | 331340 | IC TL 072 CP 2FACH OP | IC TL 072 CP |
| I002B | 331340 | IC TL 072 CP 2FACH OP | IC TL 072 CP |
| I002C | 331340 | IC TL 072 CP 2FACH OP | IC TL 072 CP |
| I003A | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I003B | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I003C | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I004A | 343502 | IC LM 2901 N | IC LM 2901 |
| I004B | 343502 | IC LM 2901 N | IC LM 2901 |
| I004C | 343502 | IC LM 2901 N | IC LM 2901 |
| I0200 | 354933 | IC NJM 2068 D DUAL IN | IC NJM 2068 |
| I0201 | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I0202 | 354931 | IC NJM 072 BL SINGLE IN | IC NJM 072 |
| I0203 | 354931 | IC NJM 072 BL SINGLE IN | IC NJM 072 |
| I0204 | 354931 | IC NJM 072 BL SINGLE IN | IC NJM 072 |
| I0205 | 354931 | IC NJM 072 BL SINGLE IN | IC NJM 072 |
| I0206 | 354931 | IC NJM 072 BL SINGLE IN | IC NJM 072 |
| I0207 | 354931 | IC NJM 072 BL SINGLE IN | IC NJM 072 |
| I0208 | 354931 | IC NJM 072 BL SINGLE IN | IC NJM 072 |
| I0209 | 354931 | IC NJM 072 BL SINGLE IN | IC NJM 072 |
| I0210 | 354934 | IC NJM 2068 L SINGLE IN | IC NJM 2068 L |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| I0211 | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I0212 | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I0213 | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I0214 | 331340 | IC TL 072 CP 2FACH OP | IC TL 072 CP |
| I0215 | 344864 | IC NJM 4556 AD 2-FACH OP | IC NJM 4556 D |
| I0216 | 331340 | IC TL 072 CP 2FACH OP | IC TL 072 CP |
| I0217 | 331340 | IC TL 072 CP 2FACH OP | IC TL 072 CP |
| I0218 | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I0400 | 331340 | IC TL 072 CP 2FACH OP | IC TL 072 CP |
| I0401 | 343502 | IC LM 2901 N | IC LM 2901 |
| I0402 | 343502 | IC LM 2901 N | IC LM 2901 |
| I0403 | 343502 | IC LM 2901 N | IC LM 2901 |
| I0404 | 343502 | IC LM 2901 N | IC LM 2901 |
| I050A | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I051A | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I052A | 332985 | IC TL 074 CN | IC TL 074 CN |
| I053A | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I054A | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I055A | 343502 | IC LM 2901 N | IC LM 2901 |
| JS01A | 354000 | BUCHSE-FL. XLR 3POL SW | xlr connector female |
| JS01B | 354000 | BUCHSE-FL. XLR 3POL SW | xlr connector female |
| JS01C | 354000 | BUCHSE-FL. XLR 3POL SW | xlr connector female |
| JS01D | 354000 | BUCHSE-FL. XLR 3POL SW | xlr connector female |
| JS01E | 354000 | BUCHSE-FL. XLR 3POL SW | xlr connector female |
| JS01F | 354000 | BUCHSE-FL. XLR 3POL SW | xlr connector female |
| JS019 | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS02A | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS02B | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS02C | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS02D | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS02E | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS02F | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS200 | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS201 | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS202 | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS203 | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS204 | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS205 | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS206 | 354002 | BUCHSE-CINCH 4X CINCH | connector cinch |
| JS207 | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS50A | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS50B | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS51A | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| JS51B | 354001 | BUCHSE-KOAXIAL-STEREO | phone jack |
| Q001A | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q001B | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q001C | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q001D | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q001E | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q001F | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q002A | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q002B | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q002C | 301184 | TRANS BC 550 C | transistor BC 550 B |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| Q002D | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q002E | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q002F | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q003A | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q003B | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q003C | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q003D | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q003E | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q003F | 343536 | TRANS 2SA 1084 E TO 92 | transistor 2SA 1084 E |
| Q004A | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q004B | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q004C | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q004D | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q004E | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q004F | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q0200 | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q0201 | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q0203 | 330264 | TRANS J 111 | transistor J 111 A |
| Q0204 | 330264 | TRANS J 111 | transistor J 111 A |
| Q0205 | 330264 | TRANS J 111 | transistor J 111 A |
| Q0206 | 330264 | TRANS J 111 | transistor J 111 A |
| Q0207 | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q0208 | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q0209 | 306928 | TRANS BC 560 C | transistor BC 560 C |
| Q0210 | 307150 | TRANS BC 337-25 TO 92 | transistor BC 337-25 |
| Q0400 | 306928 | TRANS BC 560 C | transistor BC 560 C |
| Q0401 | 306928 | TRANS BC 560 C | transistor BC 560 C |
| R0375 | 340299 | WI-SI 2.20 OHM 0.30W 5% | safety resistor 2.20 Ohm |
| R0376 | 340299 | WI-SI 2.20 OHM 0.30W 5% | safety resistor 2.20 Ohm |
| S0002 | 354006 | SCHALTER-RAST 2XUM | switch 2pdt |
| S0009 | 354006 | SCHALTER-RAST 2XUM | switch 2pdt |
| S0010 | 354006 | SCHALTER-RAST 2XUM | switch 2pdt |
| S0201 | 354008 | SCHALTER-TAST 2XUM | switch 2pdt momentary |
| S0202 | 354008 | SCHALTER-TAST 2XUM | switch 2pdt momentary |
| S0203 | 354008 | SCHALTER-TAST 2XUM | switch 2pdt momentary |
| S0204 | 354008 | SCHALTER-TAST 2XUM | switch 2pdt momentary |
| VR01A | 352323 | P-DREH 5KOHM LOG NEG XX | pot 5k XX |
| VR01B | 352323 | P-DREH 5KOHM LOG NEG XX | pot 5k XX |
| VR01C | 352323 | P-DREH 5KOHM LOG NEG XX | pot 5k XX |
| VR01D | 352323 | P-DREH 5KOHM LOG NEG XX | pot 5k XX |
| VR01E | 352323 | P-DREH 5KOHM LOG NEG XX | pot 5k XX |
| VR01F | 352323 | P-DREH 5KOHM LOG NEG XX | pot 5k XX |
| VR012 | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR015 | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR018 | 354262 | P-SHIB 10KOHM LOG POS A | fader 10k A |
| VR02A | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR02B | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR02C | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR02D | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR02E | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR02F | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR020 | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR022 | 354414 | P-SHIB 10KOHM SELEKT.AUS | fader 10k A / selected |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| VR001 | 354262 | P-SHIB 10KOHM LOG POS A | fader 10k A |
| VR023 | 354414 | P-SHIB 10KOHM SELEKT.AUS | fader 10k A / selected |
| VR001 | 354262 | P-SHIB 10KOHM LOG POS A | fader 10k A |
| VR03A | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR03B | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR03C | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR03D | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR03E | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR03F | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR04A | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR04B | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR04C | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR04D | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR04E | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR04F | 352324 | P-DREH 50KOHM LIN B | pot 50k B |
| VR05A | 354262 | P-SHIB 10KOHM LOG POS A | fader 10k A |
| VR05B | 354262 | P-SHIB 10KOHM LOG POS A | fader 10k A |
| VR05C | 354262 | P-SHIB 10KOHM LOG POS A | fader 10k A |
| VR05D | 354262 | P-SHIB 10KOHM LOG POS A | fader 10k A |
| VR05E | 354262 | P-SHIB 10KOHM LOG POS A | fader 10k A |
| VR05F | 354262 | P-SHIB 10KOHM LOG POS A | fader 10k A |
| VR06A | 352327 | P-DREH 2X 10KOHM AC | pot 2x10k AC |
| VR06B | 352327 | P-DREH 2X 10KOHM AC | pot 2x10k AC |
| VR06C | 352327 | P-DREH 2X 10KOHM AC | pot 2x10k AC |
| VR06D | 352327 | P-DREH 2X 10KOHM AC | pot 2x10k AC |
| VR06E | 352327 | P-DREH 2X 10KOHM AC | pot 2x10k AC |
| VR06F | 352327 | P-DREH 2X 10KOHM AC | pot 2x10k AC |
| VR07A | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR07B | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR07C | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR07D | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR07E | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR07F | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR08A | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR08B | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR08C | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR08D | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR08E | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR08F | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR201 | 354930 | P-SHIB 2X 10KOHM LIN B | fader 2x10k B |
| VR202 | 354930 | P-SHIB 2X 10KOHM LIN B | fader 2x10k B |
| VR203 | 354930 | P-SHIB 2X 10KOHM LIN B | fader 2x10k B |
| VR204 | 354930 | P-SHIB 2X 10KOHM LIN B | fader 2x10k B |
| VR205 | 354930 | P-SHIB 2X 10KOHM LIN B | fader 2x10k B |
| VR206 | 354930 | P-SHIB 2X 10KOHM LIN B | fader 2x10k B |
| VR207 | 354930 | P-SHIB 2X 10KOHM LIN B | fader 2x10k B |
| VR208 | 354262 | P-SHIB 10KOHM LOG POS A | fader 10k A |
| VR209 | 352329 | P-DREH 2X 20KOHM LOG POS K | pot 2x20k K |
| VR210 | 352329 | P-DREH 2X 20KOHM LOG POS K | pot 2x20k K |
| VR211 | 354263 | P-SHIB 2X 10KOHM LOG POS A | fader 2x10k A |
| VR212 | 354263 | P-SHIB 2X 10KOHM LOG POS A | fader 2x10k A |
| VR50A | 352330 | P-DREH 2X 5KOHM LOG POS XX | pot 2x5k XX |
| VR50B | 352330 | P-DREH 2X 5KOHM LOG POS XX | pot 2x5k XX |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| VR51A | 352331 | P-DREH 2X 50KOHM LIN B | pot 2x50k B |
| VR51B | 352331 | P-DREH 2X 50KOHM LIN B | pot 2x50k B |
| VR52A | 352331 | P-DREH 2X 50KOHM LIN B | pot 2x50k B |
| VR52B | 352331 | P-DREH 2X 50KOHM LIN B | pot 2x50k B |
| VR53A | 352331 | P-DREH 2X 50KOHM LIN B | pot 2x50k B |
| VR53B | 352331 | P-DREH 2X 50KOHM LIN B | pot 2x50k B |
| VR54A | 354263 | P-SHIB 2X 10KOHM LOG POS A | fader 2x10k A |
| VR54B | 354263 | P-SHIB 2X 10KOHM LOG POS A | fader 2x10k A |
| VR55A | 352327 | P-DREH 2X 10KOHM AC | pot 2x10k AC |
| VR55B | 352327 | P-DREH 2X 10KOHM AC | pot 2x10k AC |
| VR56A | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR56B | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR57A | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |
| VR57B | 352328 | P-DREH 20KOHM LOG POS K | pot 20k K |

| | 841928 | PCBAR#PM 600 | pcb power amp pm600 |
|---|---|---|---|
| CN-FX | 330269 | FL.STECKER 6.3/0.8 | connector 6.3mm faston |
| CNAC1 | 343516 | FL.STECKER 4.8/0.5 | connector 4.8mm faston |
| CNAC2 | 343516 | FL.STECKER 4.8/0.5 | connector 4.8mm faston |
| CNDC+ | 330269 | FL.STECKER 6.3/0.8 | connector 6.3mm faston |
| CNDC- | 330269 | FL.STECKER 6.3/0.8 | connector 6.3mm faston |
| CNGND | 343516 | FL.STECKER 4.8/0.5 | connector 4.8mm faston |
| CNGN1 | 330269 | FL.STECKER 6.3/0.8 | connector 6.3mm faston |
| CNS12 | 354306 | STIFTLEISTE 16POL | connector male 16-pin |
| CN001 | 349105 | MESSERLST. 20POL | connector male 20-pin |
| CN002 | 348334 | STIFTLEISTE 3POL MLSS | connector male 3-pin |
| CN008 | 348334 | STIFTLEISTE 3POL MLSS | connector male 3-pin |
| CN010 | 330269 | FL.STECKER 6.3/0.8 | connector 6.3mm faston |
| CN012 | 330269 | FL.STECKER 6.3/0.8 | connector 6.3mm faston |
| CN014 | 330269 | FL.STECKER 6.3/0.8 | connector 6.3mm faston |
| CN015 | 330269 | FL.STECKER 6.3/0.8 | connector 6.3mm faston |
| CN018 | 341937 | MESSERLST. 4POL | connector male 4-pin |
| CN18X | 341937 | MESSERLST. 4POL | connector male 4-pin |
| C0001 | 342923 | KO-FOL 0.220MF 63V 5% | cap mylar 220nF |
| C0002 | 307445 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35V |
| C0003 | 342923 | KO-FOL 0.220MF 63V 5% | cap mylar 220nF |
| C0005 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0006 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0007 | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C0008 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0009 | 342923 | KO-FOL 0.220MF 63V 5% | cap mylar 220nF |
| C0010 | 342923 | KO-FOL 0.220MF 63V 5% | cap mylar 220nF |
| C0011 | 354926 | KO-EL 6800.000MF 80V 20% | cap electrolytic 6800uF/80V |
| C0012 | 354926 | KO-EL 6800.000MF 80V 20% | cap electrolytic 6800uF/80V |
| C0013 | 301491 | KO-EL 100.000MF 50V | cap electrolytic 100uF/50V |
| C0014 | 301491 | KO-EL 100.000MF 50V | cap electrolytic 100uF/50V |
| C0016 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0017 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0018 | 356661 | KO-EL 2200.000MF 35V | cap electrolytic 2200uF/35V |
| C0019 | 356661 | KO-EL 2200.000MF 35V | cap electrolytic 2200uF/35V |
| C0020 | 342923 | KO-FOL 0.220MF 63V 5% | cap mylar 220nF |
| C0021 | 337237 | KO-FOL 0.047MF 100V 5% | cap mylar 47nF |
| C0022 | 337237 | KO-FOL 0.047MF 100V 5% | cap mylar 47nF |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| C0023 | 342936 | KO-FOL 0.150MF 63V 5% | cap mylar 150nF |
| C0024 | 342936 | KO-FOL 0.150MF 63V 5% | cap mylar 150nF |
| C0025 | 344105 | KO-FOL 0.027MF 100V 5% | cap mylar 27nF |
| C0026 | 344109 | KO-FOL 0.056MF 63V 5% | cap mylar 56nF |
| C0027 | 341276 | KO-FOL 0.012MF 100V 5% | cap mylar 12nF |
| C0028 | 341276 | KO-FOL 0.012MF 100V 5% | cap mylar 12nF |
| C0029 | 344105 | KO-FOL 0.027MF 100V 5% | cap mylar 27nF |
| C0030 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0031 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0032 | 341714 | KO-SO 0.10MF 275V 20% K | safety cap 100nF/275V |
| C0033 | 344109 | KO-FOL 0.056MF 63V 5% | cap mylar 56nF |
| C0034 | 301453 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C0035 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0036 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0037 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0038 | 301478 | KO-EL 22.000MF 63V | cap electrolytic 22uF/63V |
| C0039 | 301478 | KO-EL 22.000MF 63V | cap electrolytic 22uF/63V |
| C0040 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0041 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0042 | 343534 | KO-EL 1000.000MF 16V | cap electrolytic 1000uF/16V |
| C0043 | 343534 | KO-EL 1000.000MF 16V | cap electrolytic 1000uF/16V |
| C0044 | 341920 | KO-EL 470.000MF 63V | cap electrolytic 470uF/63V |
| C0045 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0046 | 301524 | KO-KER 47.0PF 500V 10% | cap ceramic 47pF |
| C0047 | 343530 | KO-EL 47.000MF 50V | cap electrolytic 47uF/50V |
| C0048 | 307445 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35V |
| C0049 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0050 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0051 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0052 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0100 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0101 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0102 | 301478 | KO-EL 22.000MF 63V | cap electrolytic 22uF/63V |
| C0103 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0104 | 335787 | KO-KER 15.0PF 100V 2% | cap ceramic 15pF |
| C0105 | 301458 | KO-EL 2.200MF 63V | cap electrolytic 2.2uF/63V |
| C0106 | 327390 | KO-FOL 470.000PF 100V 5% | cap mylar 470pF |
| C0107 | 340988 | KO-FOL 0.470MF 63V 5% | cap mylar 470nF |
| C0108 | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C0109 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0110 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0111 | 342923 | KO-FOL 0.220MF 63V 5% | cap mylar 220nF |
| C0112 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0113 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0114 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0115 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0116 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0117 | 351994 | KO-KER 120.0PF 500V 2% | cap ceramic 120pF |
| C0118 | 351994 | KO-KER 120.0PF 500V 2% | cap ceramic 120pF |
| C0119 | 301458 | KO-EL 2.200MF 63V | cap electrolytic 2.2uF/63V |
| C0120 | 356605 | KO-FOL 0.100MF 250V 5% | cap mylar 100nF |
| C0123 | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C0124 | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| C0125 | 301474 | KO-EL 22.000MF 16V BIP | cap bip electr. 22uF/16V |
| C0126 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0127 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0128 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0129 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0300 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0301 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0302 | 301478 | KO-EL 22.000MF 63V | cap electrolytic 22uF/63V |
| C0303 | 301558 | KO-KER 33.0PF 100V 2% | cap ceramic 33pF |
| C0304 | 335787 | KO-KER 15.0PF 100V 2% | cap ceramic 15pF |
| C0305 | 301458 | KO-EL 2.200MF 63V | cap electrolytic 2.2uF/63V |
| C0306 | 327390 | KO-FOL 470.000PF 100V 5% | cap mylar 470pF |
| C0307 | 340988 | KO-FOL 0.470MF 63V 5% | cap mylar 470nF |
| C0308 | 301530 | KO-KER 100.0PF 500V 10% | cap ceramic 100pF |
| C0309 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0310 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0311 | 342923 | KO-FOL 0.220MF 63V 5% | cap mylar 220nF |
| C0312 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0313 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0314 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0315 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0316 | 343532 | KO-EL 100.000MF 25V | cap electrolytic 100uF/25V |
| C0317 | 351994 | KO-KER 120.0PF 500V 2% | cap ceramic 120pF |
| C0318 | 351994 | KO-KER 120.0PF 500V 2% | cap ceramic 120pF |
| C0319 | 301458 | KO-EL 2.200MF 63V | cap electrolytic 2.2uF/63V |
| C0320 | 356605 | KO-FOL 0.100MF 250V 5% | cap mylar 100nF |
| C0323 | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C0324 | 301519 | KO-KER 10.0PF 500V 10% | cap ceramic 10pF |
| C0325 | 301474 | KO-EL 22.000MF 16V BIP | cap bip electr. 22uF/16V |
| C0326 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0327 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0328 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| C0329 | 329021 | KO-KER 0.10MF 100V 20% | cap ceramic 100nF |
| D0001 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0002 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0003 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0004 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0005 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0006 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0007 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0008 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0010 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0011 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0012 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0013 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0014 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0015 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0016 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0017 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0018 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0019 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0020 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0021 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| D0022 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0023 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0024 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0025 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0026 | 304992 | DIODZ BZX 55C 6V8 0.50W | diode zener 6V8 |
| D0027 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0028 | 354928 | DIODZ 1N 5363B 30V 5.00W | diode zener 30V/5W |
| D0100 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0101 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0102 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0104 | 329511 | DIODZ BZX 55C 2V4 0.50W | diode zener 2V4 |
| D0105 | 309450 | DIODZ BZX 55C 15V 0.50W | diode zener 15V |
| D0106 | 309450 | DIODZ BZX 55C 15V 0.50W | diode zener 15V |
| D0107 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0108 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0109 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0110 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0111 | 307916 | DIODZ BZX 55C 7V5 0.50W | diode zener 7V5 |
| D0112 | 307916 | DIODZ BZX 55C 7V5 0.50W | diode zener 7V5 |
| D0113 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0114 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0115 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0116 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0117 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0300 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0301 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0302 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0304 | 329511 | DIODZ BZX 55C 2V4 0.50W | diode zener 2V4 |
| D0305 | 309450 | DIODZ BZX 55C 15V 0.50W | diode zener 15V |
| D0306 | 309450 | DIODZ BZX 55C 15V 0.50W | diode zener 15V |
| D0307 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0308 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0309 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0310 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0311 | 307916 | DIODZ BZX 55C 7V5 0.50W | diode zener 7V5 |
| D0312 | 307916 | DIODZ BZX 55C 7V5 0.50W | diode zener 7V5 |
| D0313 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0314 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0315 | 304360 | DIODE 1N 4007 GEGURTET | diode 1N 4002 |
| D0316 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| D0317 | 301254 | DIODE 1N 4148 AXIAL | diode 1N 4148 |
| E0001 | 356656 | RELAIS 845-N-2C-S-24VDC | relay 24V |
| E0100 | 354859 | RELAIS 793-P-1C-S-24V DC | relay 24V |
| E0300 | 354859 | RELAIS 793-P-1C-S-24V DC | relay 24V |
| F0001 | 302583 | SICHER T 1.6 A 250V | fuse 1.6A slow blow |
| F0002 | 302583 | SICHER T 1.6 A 250V | fuse 1.6A slow blow |
| F0003 | 302573 | SICHER T 6.3 A 250V | fuse 6.3A slow blow |
| H0001 | 343456 | DICKS-NETZW. 8PIN 2% | res.network 8x4k7 |
| H0003 | 343456 | DICKS-NETZW. 8PIN 2% | res.network 8x4k7 |
| H0101 | 343457 | DICKS-NETZW. 8PIN 2% | res.network 8x10k |
| H0301 | 343457 | DICKS-NETZW. 8PIN 2% | res.network 8x10k |
| I0001 | 332985 | IC TL 074 CN | IC TL 074 CN |
| I0004 | 354199 | IC SPNG.REGL. LM 317 T | IC LM 317 voltage regulator |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| I0005 | 354929 | IC SPNG.REGL. LM 337 T | IC LM 337 voltage regulator |
| I0006 | 309719 | IC SPNG.REGL. LM 340T05 | IC MC 7805 C |
| I0100 | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I0101 | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I0102 | 307421 | IC CA 3080 E OTA | IC CA 3080 E |
| I0103 | 354919 | IC OP 97 FP | IC OP 97 |
| I0104 | 332985 | IC TL 074 CN | IC TL 074 CN |
| I0300 | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I0301 | 327197 | IC NE 5532 P 2FACH OP | IC NE 5532 N |
| I0302 | 307421 | IC CA 3080 E OTA | IC CA 3080 E |
| I0303 | 354919 | IC OP 97 FP | IC OP 97 |
| I0304 | 332985 | IC TL 074 CN | IC TL 074 CN |
| JS001 | 338835 | STECKER-KALTGERÄTE | connector male mains |
| L0001 | 354450 | DROSSEL 150.00UH/0.70A | inductor 150uH |
| L0100 | 348592 | FILTERSP. 2.50UH/0.004OHM | coil 2.5uH |
| L0300 | 348592 | FILTERSP. 2.50UH/0.004OHM | coil 2.5uH |
| Q0001 | 306928 | TRANS BC 560 C | transistor BC 560 C |
| Q0002 | 306928 | TRANS BC 560 C | transistor BC 560 C |
| Q0003 | 306928 | TRANS BC 560 C | transistor BC 560 C |
| Q0004 | 306928 | TRANS BC 560 C | transistor BC 560 C |
| Q0005 | 306928 | TRANS BC 560 C | transistor BC 560 C |
| Q0006 | 301236 | TRANS BD 241 B | transistor BD 241 B |
| Q0007 | 348422 | TRANS MPSA 42 | transistor MPSA 42 |
| Q0008 | 307150 | TRANS BC 337-25 TO 92 | transistor BC 337-25 |
| Q0009 | 301184 | TRANS BC 550 C | transistor BC 550 B |
| Q0010 | 307150 | TRANS BC 337-25 TO 92 | transistor BC 337-25 |
| Q0011 | 307150 | TRANS BC 337-25 TO 92 | transistor BC 337-25 |
| Q0012 | 348591 | TRANS BC 618 DARL. TO 92 | transistor BC 618 |
| Q0013 | 307150 | TRANS BC 337-25 TO 92 | transistor BC 337-25 |
| Q0023 | 348591 | TRANS BC 618 DARL. TO 92 | transistor BC 618 |
| Q0100 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0101 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0103 | 330264 | TRANS J 111 | transistor J 111 A |
| Q0104 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0105 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0106 | 348422 | TRANS MPSA 42 | transistor MPSA 42 |
| Q0107 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0108 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0109 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0110 | 348422 | TRANS MPSA 42 | transistor MPSA 42 |
| Q0111 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0112 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0113 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0114 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0115 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0116 | 338869 | TRANS MJE 350 | transistor MJE 350 |
| Q0117 | 338868 | TRANS MJE 340 | transistor MJE 340 |
| Q0118 | 348409 | TRANS 2SC 4793 | transistor 2SC 4793 |
| Q0119 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0120 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0121 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0122 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0123 | 328887 | TRANS MJE 15030 | trans. MJE 15030 |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| Q0124 | 328888 | TRANS MJE 15031 | trans. MJE 15031 |
| Q0125 | 328889 | TRANS MJ 15003 | trans. MJ 15003 |
| Q0126 | 328890 | TRANS MJ 15004 | trans. MJ 15004 |
| Q0127 | 328889 | TRANS MJ 15003 | trans. MJ 15003 |
| Q0128 | 328890 | TRANS MJ 15004 | trans. MJ 15004 |
| Q0135 | 348422 | TRANS MPSA 42 | transistor MPSA 42 |
| Q0136 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0137 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0138 | 348422 | TRANS MPSA 42 | transistor MPSA 42 |
| Q0139 | 307911 | TRANS BF 393 | transistor BF 391 |
| Q0140 | 307911 | TRANS BF 393 | transistor BF 391 |
| Q0141 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0142 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0143 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0144 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0145 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0300 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0301 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0303 | 330264 | TRANS J 111 | transistor J 111 A |
| Q0304 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0305 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0306 | 348422 | TRANS MPSA 42 | transistor MPSA 42 |
| Q0307 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0308 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0309 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0310 | 348422 | TRANS MPSA 42 | transistor MPSA 42 |
| Q0311 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0312 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0313 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0314 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0315 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0316 | 338869 | TRANS MJE 350 | transistor MJE 350 |
| Q0317 | 338868 | TRANS MJE 340 | transistor MJE 340 |
| Q0318 | 348409 | TRANS 2SC 4793 | transistor 2SC 4793 |
| Q0319 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0320 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0321 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| Q0322 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0323 | 328887 | TRANS MJE 15030 | trans. MJE 15030 |
| Q0324 | 328888 | TRANS MJE 15031 | trans. MJE 15031 |
| Q0325 | 328889 | TRANS MJ 15003 | trans. MJ 15003 |
| Q0326 | 328890 | TRANS MJ 15004 | trans. MJ 15004 |
| Q0327 | 328889 | TRANS MJ 15003 | trans. MJ 15003 |
| Q0328 | 328890 | TRANS MJ 15004 | trans. MJ 15004 |
| Q0335 | 348422 | TRANS MPSA 42 | transistor MPSA 42 |
| Q0336 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0337 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0338 | 348422 | TRANS MPSA 42 | transistor MPSA 42 |
| Q0339 | 307911 | TRANS BF 393 | transistor BF 391 |
| Q0340 | 307911 | TRANS BF 393 | transistor BF 391 |
| Q0341 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0342 | 348423 | TRANS MPSA 92 | transistor MPSA 92 |
| Q0343 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| Q0344 | 348421 | TRANS 2N 3906 | transistor 2N 3906 |
| Q0345 | 335763 | TRANS 2N 3904 | transistor 2N 3904 |
| R0037 | 348490 | WI-SO NTC K 164/100K/J | safety component NTC |
| R0065 | 348550 | WI-SO NTC 10 OHM K | safety resistor 10 Ohm |
| R0185 | 348456 | WI-DR 2X 0.22 OHM 5.00W 5% | resistor 2x0.22 Ohm 5 watt |
| R0188 | 348456 | WI-DR 2X 0.22 OHM 5.00W 5% | resistor 2x0.22 Ohm 5 watt |
| R0208 | 348593 | WI-SO NTC K 164/2.2K | safety component NTC |
| R0209 | 348593 | WI-SO NTC K 164/2.2K | safety component NTC |
| R0223 | 348590 | WI-DR 8.20 OHM 4.00W 5% | resistor 8.20 Ohm 4 watt |
| R0227 | 341713 | WI-DR 4.70 OHM 4.00W 5% | resistor 4.70 Ohm 4 watt |
| R0385 | 348456 | WI-DR 2X 0.22 OHM 5.00W 5% | resistor 2x0.22 Ohm 5 watt |
| R0388 | 348456 | WI-DR 2X 0.22 OHM 5.00W 5% | resistor 2x0.22 Ohm 5 watt |
| R0408 | 348593 | WI-SO NTC K 164/2.2K | safety component NTC |
| R0409 | 348593 | WI-SO NTC K 164/2.2K | safety component NTC |
| R0423 | 348590 | WI-DR 8.20 OHM 4.00W 5% | resistor 8.20 Ohm 4 watt |
| R0427 | 341713 | WI-DR 4.70 OHM 4.00W 5% | resistor 4.70 Ohm 4 watt |
| S0001 | 354927 | SCHALTER-NETZ | switch mains |
| VR100 | 348486 | WI-TRI 47.00 KOHM LIN | pot trim 47k Ohm lin |
| VR101 | 348674 | WI-TRI 250.00 OHM LIN | pot trim 220 Ohm lin |
| VR300 | 348486 | WI-TRI 47.00 KOHM LIN | pot trim 47k Ohm lin |
| VR301 | 348674 | WI-TRI 250.00 OHM LIN | pot trim 220 Ohm lin |
| 00050 | 303576 | SICHER-HALTE-FEDER | fuse clip |
| 00055 | 328390 | SICHER-HALTER FAU | fuse holder |
| 00060 | 328391 | SICHER-HALTER-KAPPE FEK | fuse holder carrier |
| | **804388** | **PCB--*PM 1000 N 4** | **pcb assy effects** |
| C 001 | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C 003 | 340523 | KO-EL 22.000MF 16V | cap electrolytic 22uF/16V |
| C 005 | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C 007 | 342923 | KO-FOL 0.220MF 63V 5% | cap mylar 220nF |
| C 008 | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C 012 | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C 015 | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C 016 | 340522 | KO-EL 10.000MF 35V | cap electrolytic 10uF/35 |
| C 019 | 346841 | KO-EL 47.000MF 16V | cap electrolytic 47uF/16V |
| C 020 | 346841 | KO-EL 47.000MF 16V | cap electrolytic 47uF/16V |
| C 021 | 346841 | KO-EL 47.000MF 16V | cap electrolytic 47uF/16V |
| C 023 | 342933 | KO-FOL 0.022MF 100V 5% | cap mylar 22nF |
| C 025 | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C 027 | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C 030 | 340520 | KO-EL 1.000MF 50V | cap electrolytic 1uF/50V |
| C 031 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C 032 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C 035 | 346841 | KO-EL 47.000MF 16V | cap electrolytic 47uF/16V |
| C 041 | 340524 | KO-EL 100.000MF 16V | cap electrolytic 100uF/16V |
| C 046 | 340521 | KO-EL 2.200MF 50V | cap electrolytic 2.2uF/50V |
| CN001 | 342982 | STIFTLEISTE 2X 5POL | connector male 2x5-pin |
| CN002 | 354230 | STIFTLEISTE 6POL TSW-106 | connector male 6-pin |
| CN003 | 354230 | STIFTLEISTE 6POL TSW-106 | connector male 6-pin |
| CN004 | 354230 | STIFTLEISTE 6POL TSW-106 | connector male 6-pin |
| CN005 | 341937 | MESSERLST. 4POL | connector male 4-pin |
| CN006 | 341937 | MESSERLST. 4POL | connector male 4-pin |
| CN007 | 329022 | FL.STECKER 6.3/0.8 | connector male faston |

| Pos. Nr.<br>Ref. No. | Best. Nr.<br>Part No. | Bezeichnung | Description |
|---|---|---|---|
| D 003 | 348492 | DISPLAY LED TDSR 3150 HELL. | display TDSR 3150 G+H |
| D 004 | 348492 | DISPLAY LED TDSR 3150 HELL. | display TDSR 3150 G+H |
| D 005 | 348492 | DISPLAY LED TDSR 3150 HELL. | display TDSR 3150 G+H |
| D 006 | 348492 | DISPLAY LED TDSR 3150 HELL. | display TDSR 3150 G+H |
| IC005 | 351726 | IC MC 34064 | IC MC 34064 |

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Box: 0254 • 94302 Straubing
Phone: ++49 (0) 9421/706-342, Fax: ++49 (0) 9421/706-350

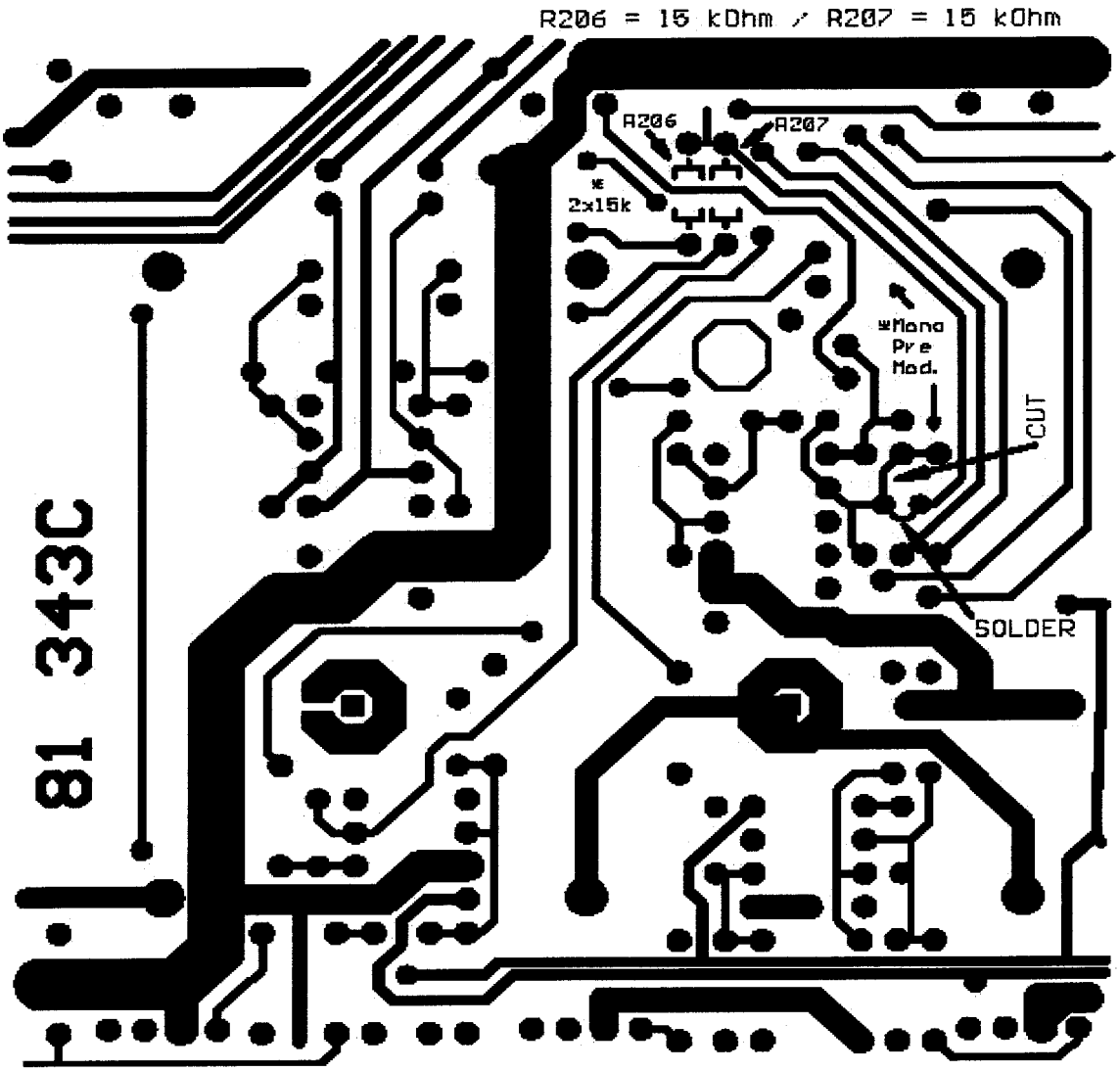
**Service Department**
**Josef Stadler**
**09.09.99**

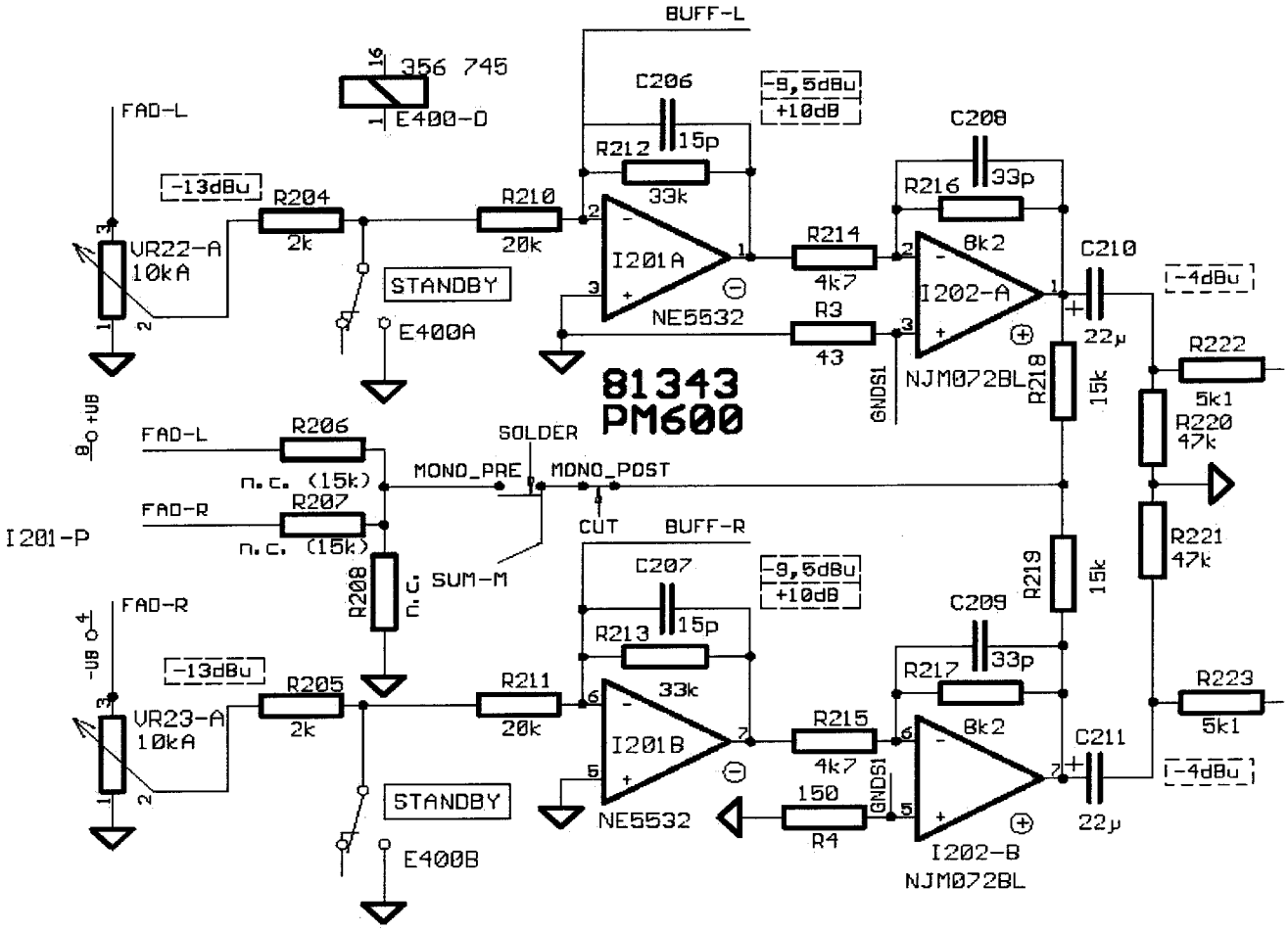
# Service Instruction

Product: PowerMate 600
Brand: DYNACORD
Title: Alteration of signal routing: Mono-Output-Signal from post-master-fader to pre-master-fader

To do this alteration, there are to fit 2 resistors and there are to cut one track and to reconnect two solder pads.

1. Disconnect the mains voltage
2. Disassemble the mixing console from the bottom chassis ( = power amp & power supply )
3. There is no need to remove the pc-boards from the front panel. The alteration can made from the back side of the pc-board.
4. Attached you will find a small spot of the drawing of the tracks on the back side of the master pcb 81343B. There we have marked the position of two resistors: R206 and R207 ( values: 15 kohm ). You have to fit these two resistors from the back side of the pcb.
5. Now you have to reroute the signal path. Beside the resistors R218/219 we have marked with an arrow a piece of track. These track you have to cut. For the connection marked "SOLDER" you have to solder a short piece of wire between the two solder pads. For cutting use a sharp knife or a small milling cutter.
6. Re-assemble the unit.


R206 = 15 kOhm / R207 = 15 kOhm
R206
R207
2x15k
*Mono
Pre
Mod.
CUT
SOLDER
81 343C


BUFF-L
356 745
E400-D
FAD-L
-13dBu
R204
2k
R210
20k
VR22-A
10kA
STANDBY
E400A
C206
R212
15p
33k
-9,5dBu
+10dB
I201A
NE5532
R214
4k7
R3
43
C208
R216
33p
8k2
I202-A
NJM072BL
C210
22µ
-4dBu
R222
5k1
R220
47k
R221
47k
R218
15k
R219
15k
GNDS1
81343
PM600
FAD-L
R206
n.c. (15k)
SOLDER
MONO_PRE
MONO_POST
CUT
BUFF-R
FAD-R
R207
n.c. (15k)
I201-P
R208
n.c.
SUM-M
C207
R213
15p
33k
-13dBu
R205
2k
R211
20k
VR23-A
10kA
STANDBY
E400B
I201B
NE5532
R215
4k7
150
R4
C209
R217
33p
8k2
I202-B
NJM072BL
C211
22µ
-4dBu
R223
5k1
GNDS1
+UB
-UB

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**Service Department**
**Josef Stadler**
**23.10.00**

# Service Instruction

Product: PowerMate 600
Brand: DYNACORD
Title: Alteration of some resistors on the power amp pcb.

On all units with serial number higher than the listed below the alteration was done by the factory.

PM600 230V serial number: 15773
PM600 240V serial number: 10091
PM600 100V serial number: 10151
PM600 120V serial number: 10091

To do this alteration, there are to replace 6 resistors.

1. Disconnect the mains voltage
2. Disassemble the mixing console from the bottom chassis ( = power amp & power supply )
3. On the power amp pcb you should replace the following resistors:
   R23, R27, R95 and R96 ( 820 ) with 2.4 kOhms
   R28 and R51 ( 68 ) with 100 Ohms
4. Re-assemble the unit.

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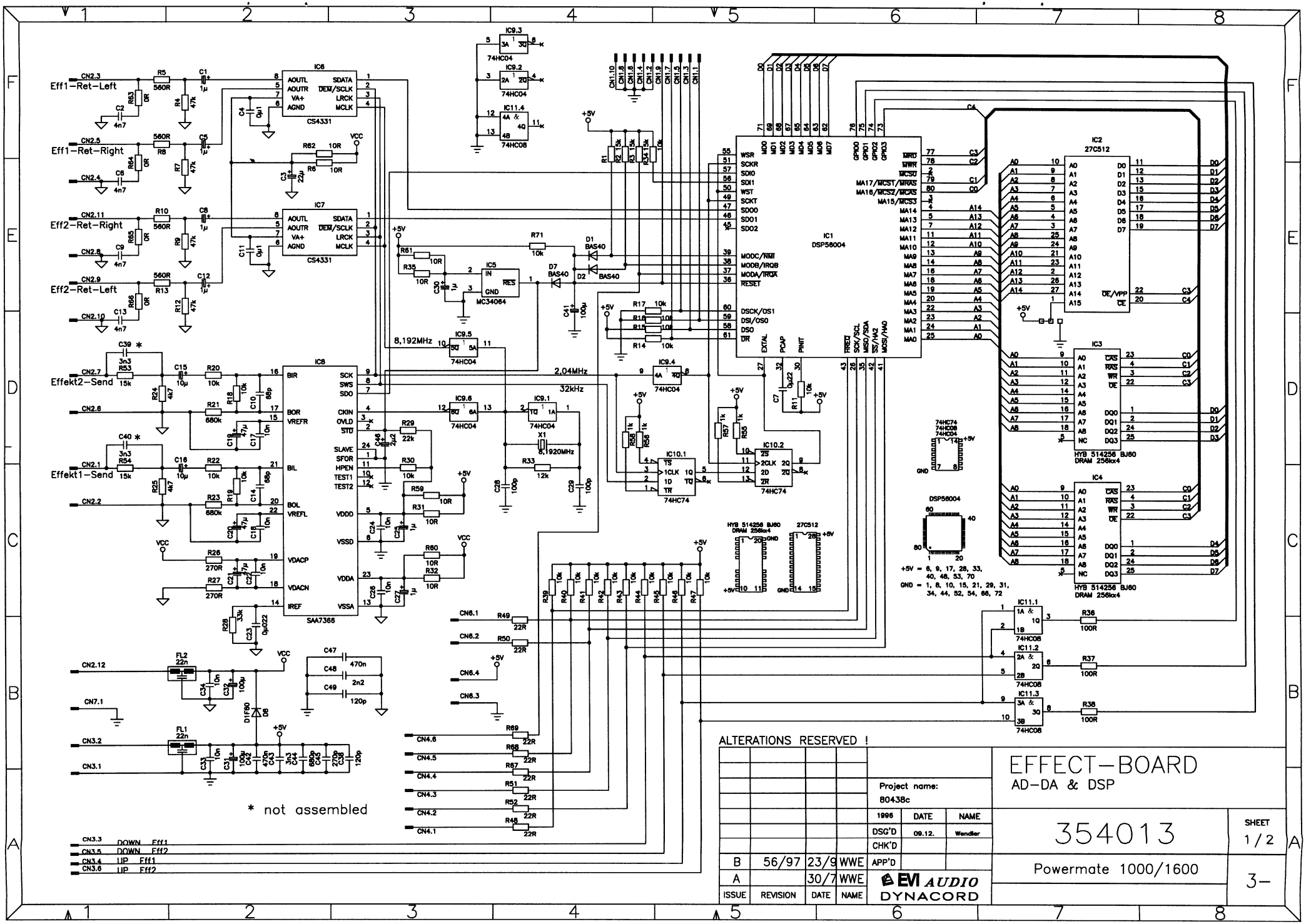
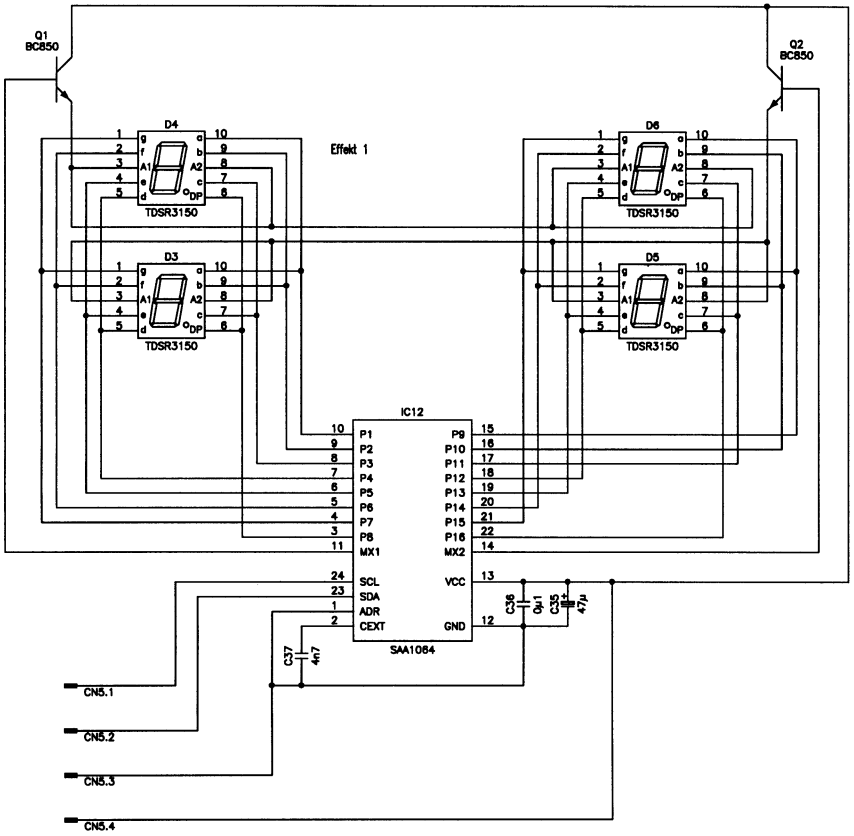

IC1 DSP56004
IC2 27C512
IC3
IC4
HYB 514256 BJ60 DRAM 256kx4
IC5 MC34064
IC6 CS4331
IC7 CS4331
IC8 SAA7366
IC9.1 74HC04
IC9.2 74HC04
IC9.3 74HC04
IC9.4 74HC04
IC9.5 74HC04
IC9.6 74HC04
IC10.1 74HC74
IC10.2 74HC74
IC11.1 74HC08
IC11.2 74HC08
IC11.3 74HC08
DSP56004
74HC74 74HC08 74HC04
Eff1-Ret-Left
Eff1-Ret-Right
Eff2-Ret-Right
Eff2-Ret-Left
Effekt2-Send
Effekt1-Send
8,192MHz
2,04MHz
32kHz
X1 9,1920MHz
+5V = 6, 9, 17, 28, 33, 40, 46, 53, 70
GND = 1, 8, 10, 15, 21, 29, 31, 34, 44, 52, 54, 66, 72
* not assembled
CN3.3 DOWN Eff1
CN3.5 DOWN Eff2
CN3.4 UP Eff1
CN3.6 UP Eff2
ALTERATIONS RESERVED !
Project name: 80438c
EFFECT-BOARD
AD-DA & DSP
1996 DATE NAME
DSG'D 09.12. Wendler
CHK'D
APP'D
B 56/97 23/9 WWE
A 30/7 WWE
ISSUE REVISION DATE NAME
EVI AUDIO DYNACORD
354013
SHEET 1/2
Powermate 1000/1600
3-

MC-Service




ALTERATIONS RESERVED !

| ISSUE | REVISION | DATE | NAME |
|---|---|---|---|
| | | | |

Project name:
80438c

| | DATE | NAME |
|---|---|---|
| 1997 | | |
| DSG'D | 02.04. | Wendler |
| CHK'D | | |
| APP'D | | |

EVI AUDIO
DYNACORD

# EFFECT–BOARD

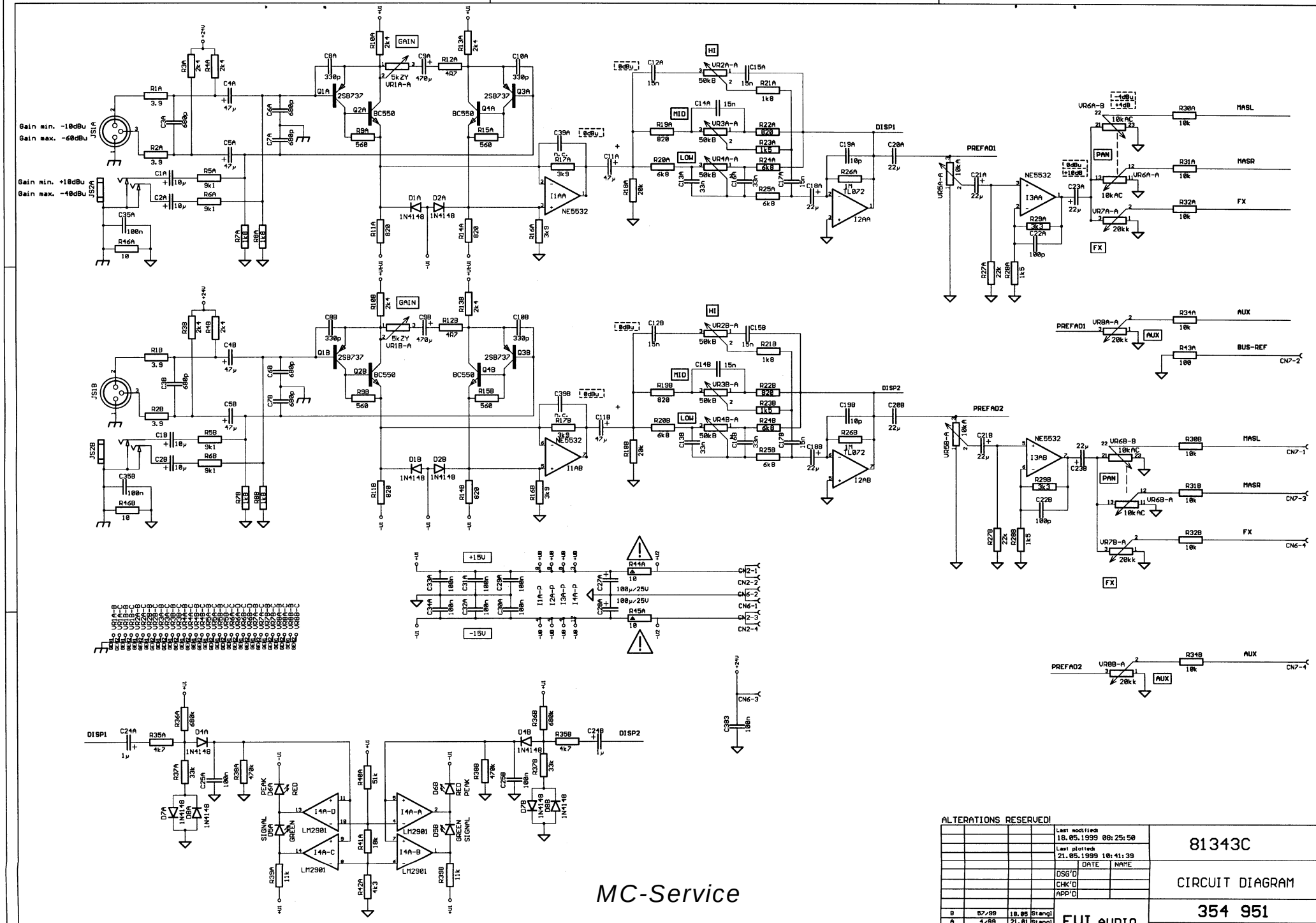
Display

354015

SHEET 2/2

Powermate 1000/1600

4–




*MC-Service*

ALTERATIONS RESERVED!

| ISSUE | REVISION | DATE | NAME |
|---|---|---|---|
| B | 57/99 | 18.05 | Stangl |
| A | 4/99 | 21.01 | Stangl |

Last modified: 18.05.1999 08:25:50
Last plotted: 21.05.1999 10:41:39

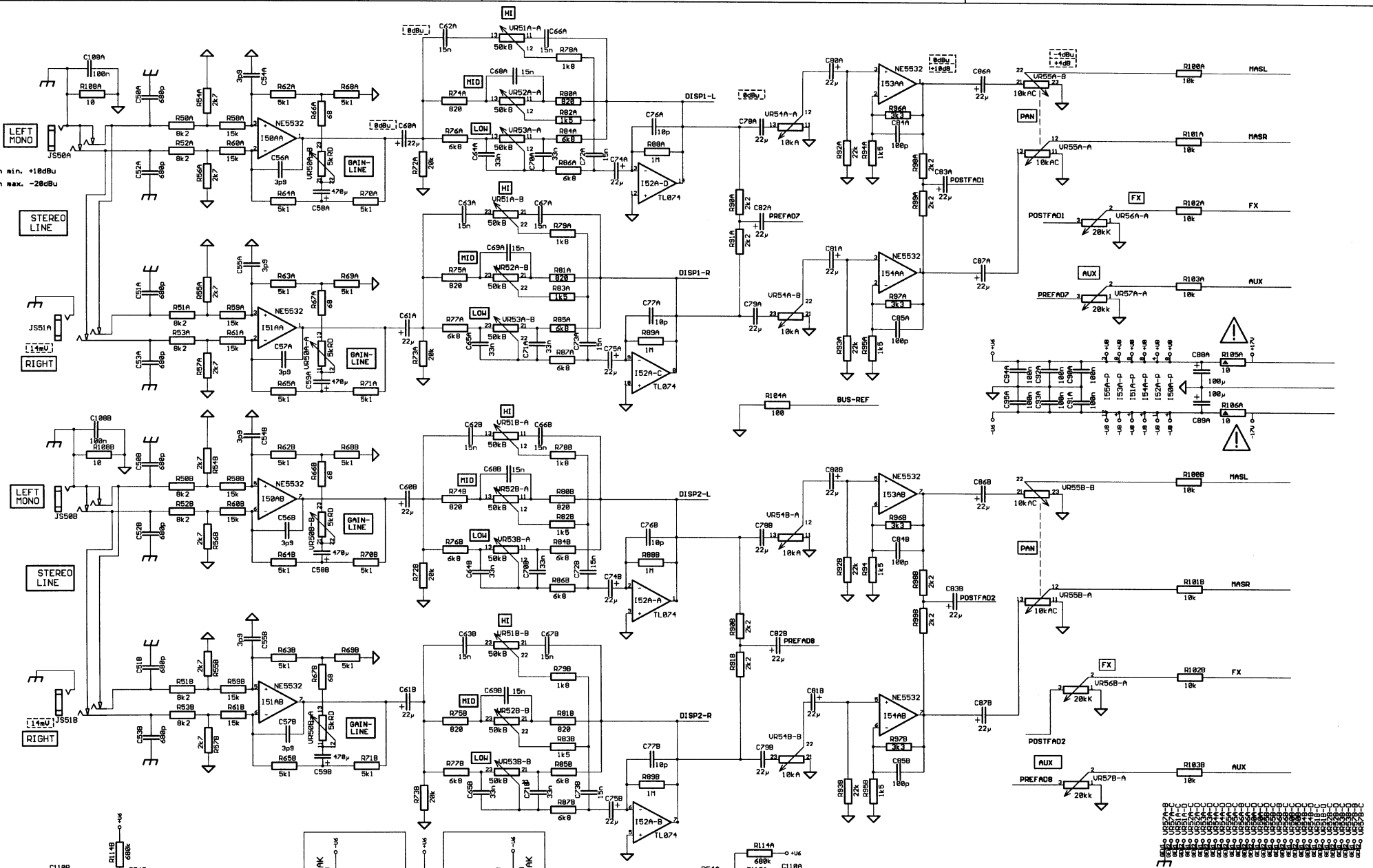
| | DATE | NAME |
|---|---|---|
| DSG'D | | |
| CHK'D | | |
| APP'D | | |

EVI AUDIO

81343C

CIRCUIT DIAGRAM 1/5

354 951 2-




MC-Service

ALTERATIONS RESERVED!

| ISSUE | REVISION | DATE | NAME |
|---|---|---|---|
| B | 57/99 | 18.05 | Stangl |
| A | 4/99 | 21.01 | Stangl |

Last modified: 18.05.1999 08:25:50
Last plotted: 21.05.1999 10:41:54

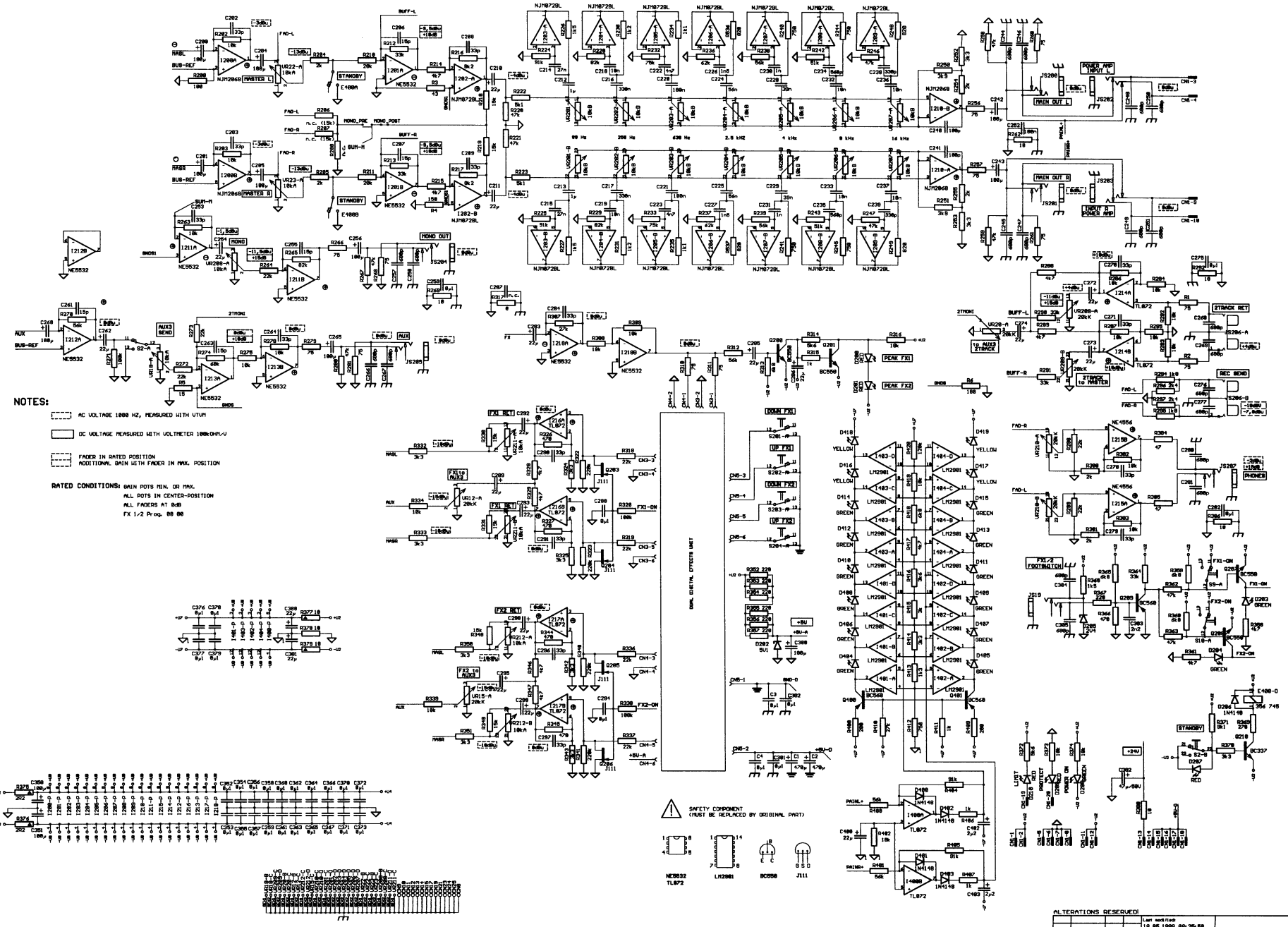
| | DATE | NAME |
|---|---|---|
| DSG'D | | |
| CHK'D | | |
| APP'D | | |

EVI AUDIO

81343C

CIRCUIT DIAGRAM 2/5

354 951 2-




*MC-Service*

ALTERATIONS RESERVED!

| ISSUE | REVISION | DATE | NAME |
|---|---|---|---|
| 0 | 07/98 | 10.05 | Stang |
| A | 1/99 | 21.01 | Stang |

Last modified: 10.05.1999 08:25:58
Last plotted: 21.05.1999 10:42:06

| | DATE | NAME |
|---|---|---|
| DES'D | 12.98 | Lang |
| CHK'D | | |
| APP'D | | |

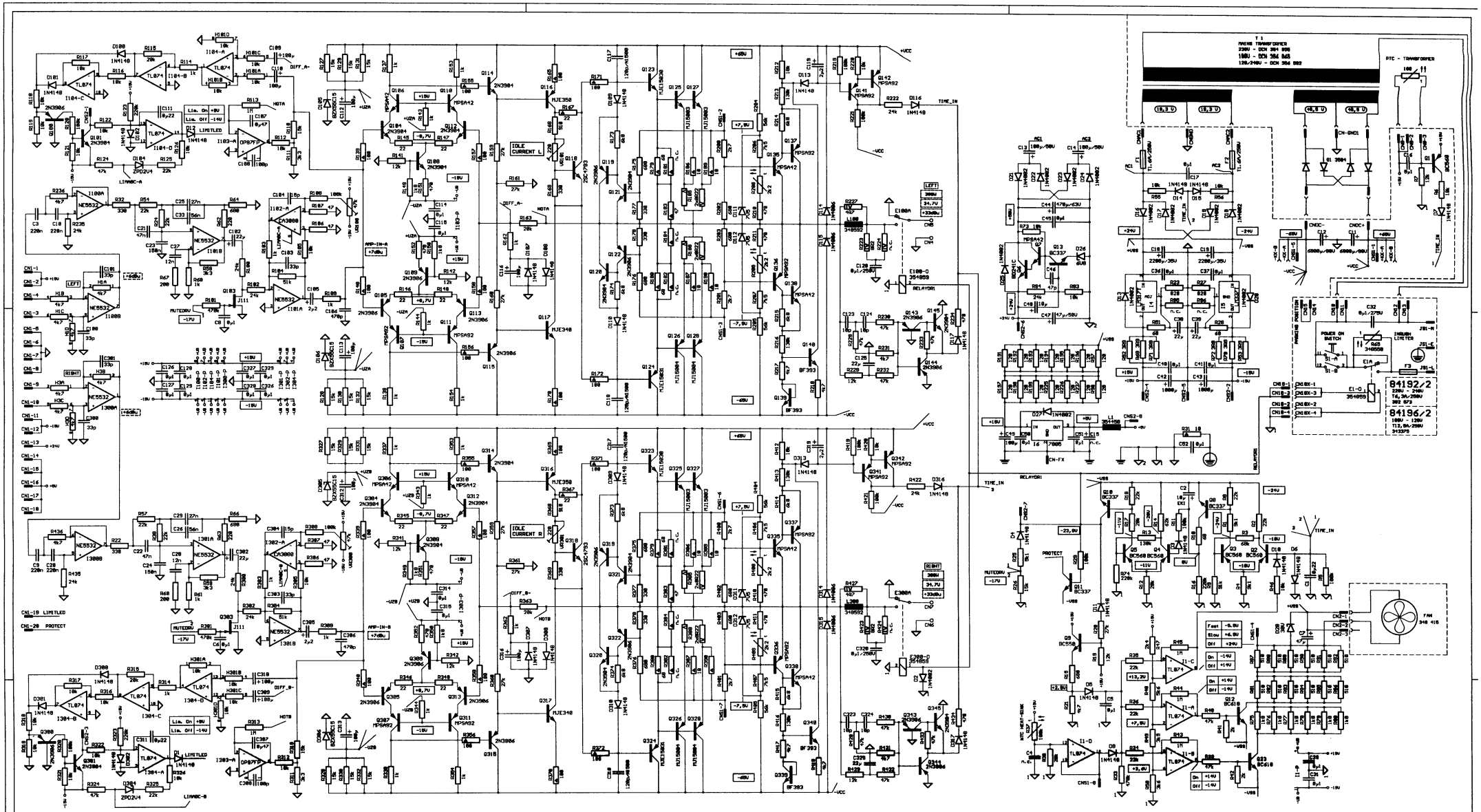
EVI AUDIO

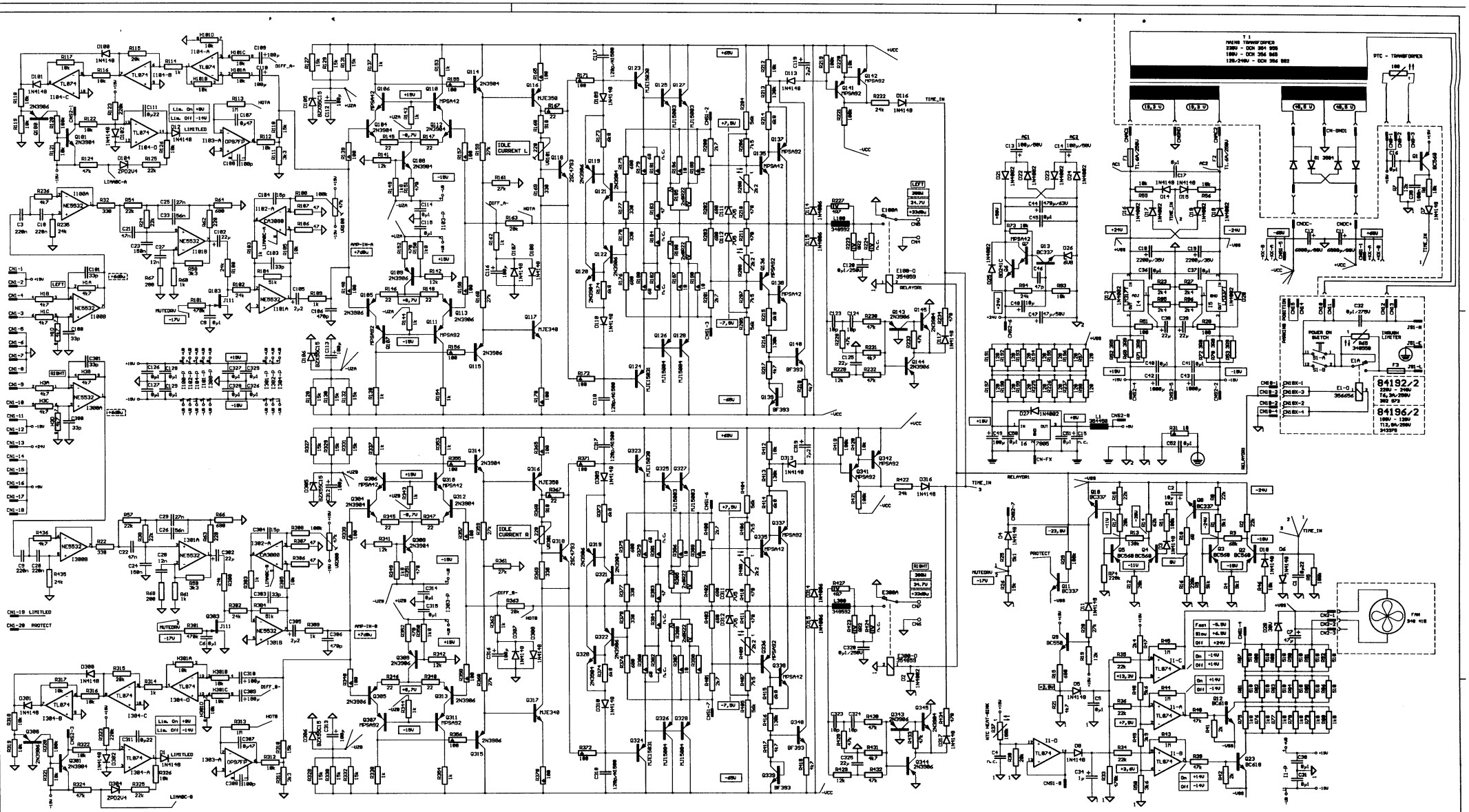
81343C

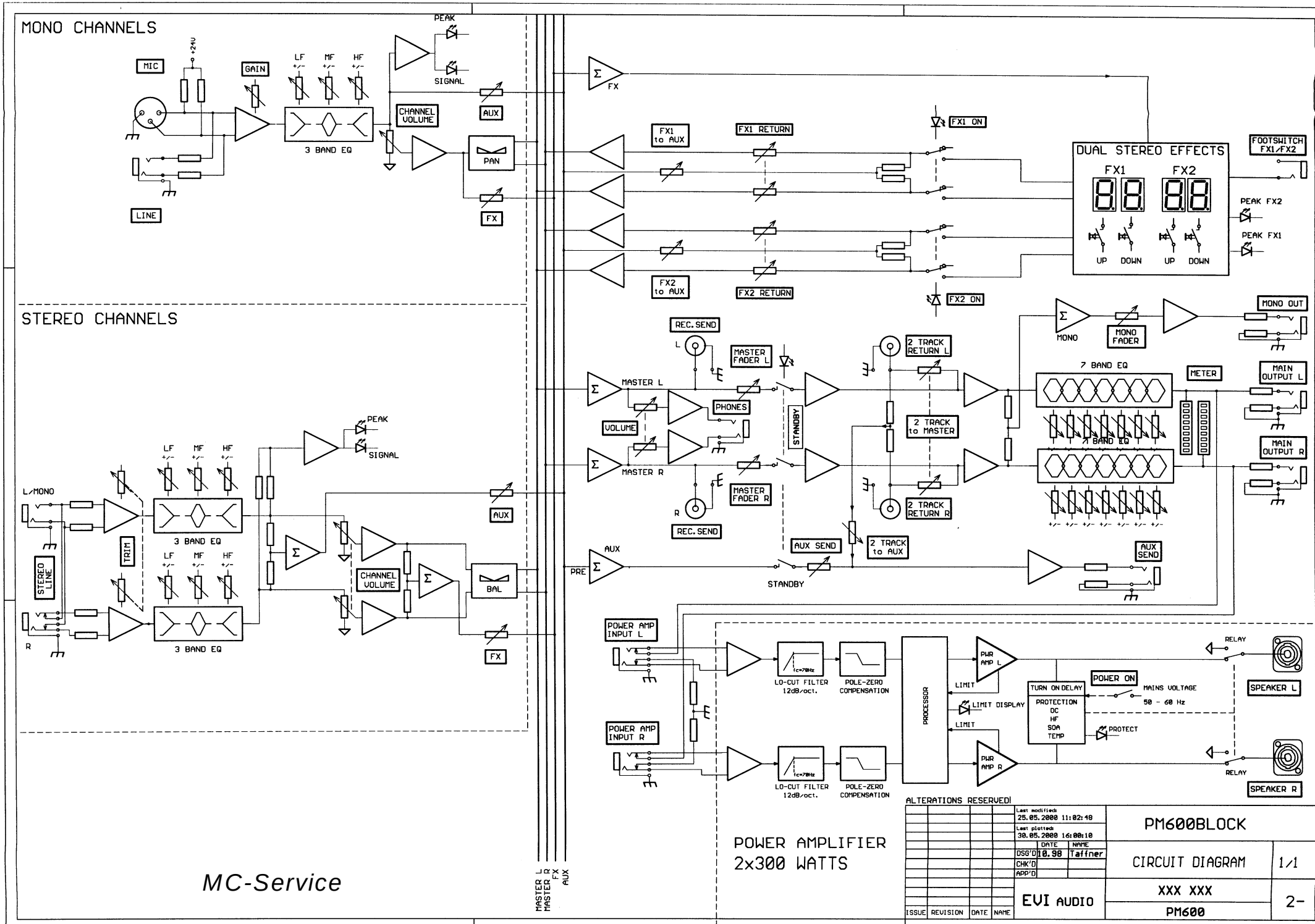
CIRCUIT DIAGRAM

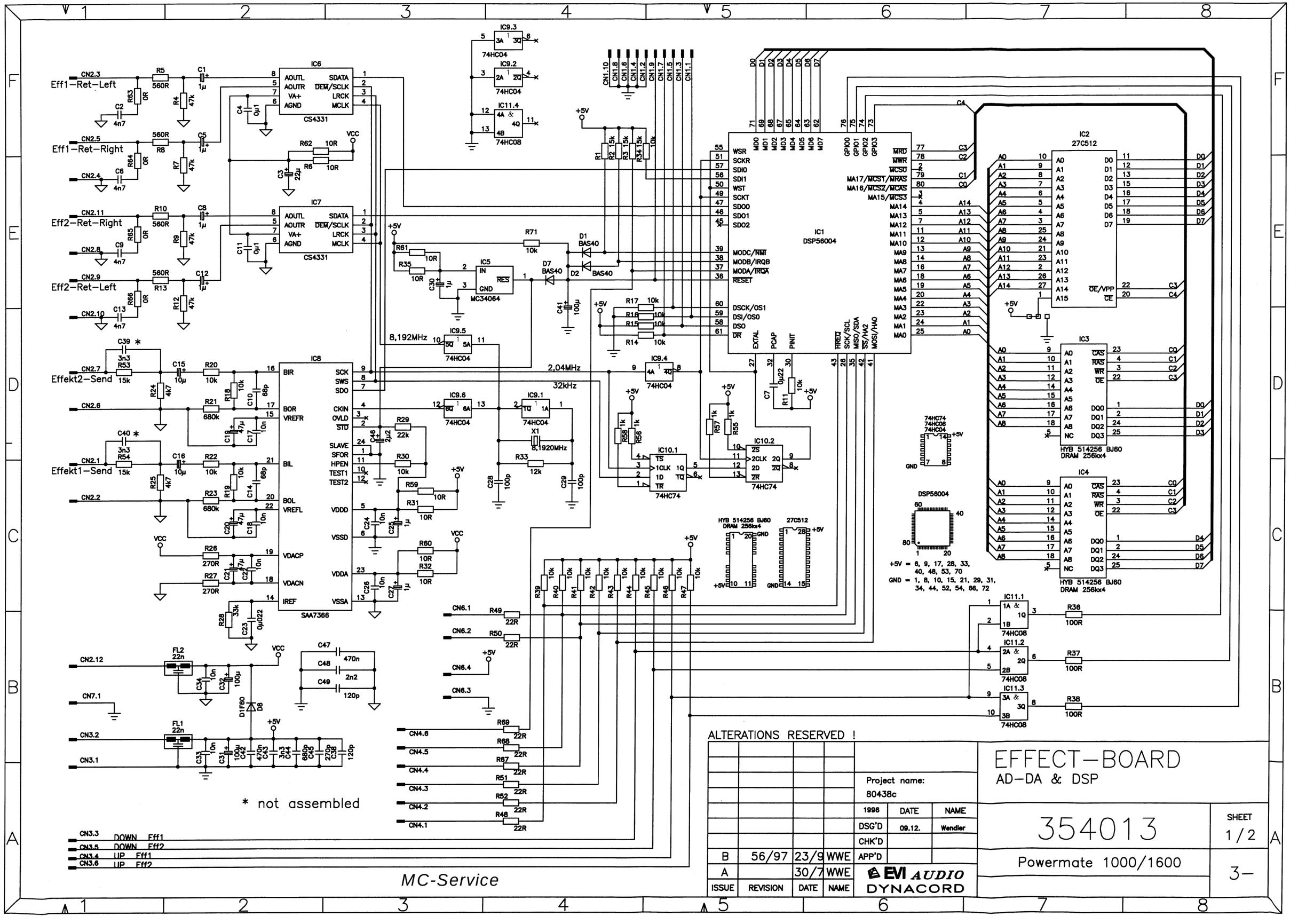
354 951

2-


SAFETY COMPONENT, FLAMEPROOF RESISTOR (MUST BE REPLACED BY ORIGINAL PART)
POWER RESISTOR 1 WATT
AC VOLTAGE 1000 HZ, MEASURED WITH VTVM
DC VOLTAGE MEASURED WITH VOLTMETER 100kOHM/V
AC VOLTAGE 50/60 HZ MEASURED VOLTMETER 2000 OHMS/V
LM 7805
LM 317 T
LM 337 T
MJE 15030 MJE 15031 2SC 4793 BD 241
MJE 340 MJE 350
BC 327 BC 337 BC 556 BC 560 BC 618
MPSA 42 MPSA 92 2N 3904 2N 5306 BF 393
J 111
NE 5532 CA 3080 OP 07 FP
TL 074
MJ 15003 MJ 15004
230V - 240V 84192/1
100V - 120V 84196/1
ALTERATIONS RESERVED!
Last modified 29.04.1999 14:39:08
Last plotted 21.05.1999 10:39:57
DES'D DATE NAME 12.10 Stengl
CHK'D
APP'D
ISSUE REVISION DATE NAME
8 15 / 00 02.00 Stengl
1 Nullserie 01.00 Stengl
EVI AUDIO
84192C
CIRCUIT DIAGRAM
354 953
PowerMate 600
2-
MC-Service


SAFETY COMPONENT, FLAMEPROOF RESISTOR (MUST BE REPLACED BY ORIGINAL PART)
POWER RESISTOR 4 WATT
AC VOLTAGE 1000 HZ, MEASURED WITH VTVM
DC VOLTAGE MEASURED WITH VOLTMETER 100kOHM/V
AC VOLTAGE 50/60 HZ MEASURED VOLTMETER 2000 OHMS/V
LM 7805
LM 317 T
LM 337 T
MJE 15030
MJE 15031
2SC 4793
BD 241
MJE 340
MJE 350
BC 327
BC 337
BC 557
BC 560
BC 618
MPSA 42
MPSA 92
2N 3904
2N 3906
BF 393
J 111
NE 5532
OP 97 FP
TL 074
MJ 15003
MJ 15004
MAINS TRANSFORMER
230V - OCH 354 955
100V - OCH 354 965
120/240V - OCH 354 982
PTC - TRANSFORMER
POWER ON SWITCH
INRUSH LIMITER
84192/2
220V - 240V
84196/2
100V - 120V
MC-Service
ALTERATIONS RESERVED!
230U - 240U 84192/1
100U - 120U 84196/1
84192d
CIRCUIT DIAGRAM
354 953
PM600 / PSX600
EVI AUDIO
2-


MONO CHANNELS
MIC
+24V
GAIN
LF
MF
HF
+/-
PEAK
SIGNAL
CHANNEL VOLUME
AUX
3 BAND EQ
PAN
FX
LINE
STEREO CHANNELS
L/MONO
TRIM
STEREO LINE
R
3 BAND EQ
BAL
MASTER L
MASTER R
FX
AUX
FX1 to AUX
FX1 RETURN
FX1 ON
FX2 to AUX
FX2 RETURN
FX2 ON
DUAL STEREO EFFECTS
FX1
FX2
UP
DOWN
FOOTSWITCH FX1/FX2
PEAK FX2
PEAK FX1
REC. SEND
MASTER FADER L
MASTER FADER R
PHONES
VOLUME
STANDBY
2 TRACK RETURN L
2 TRACK RETURN R
2 TRACK to MASTER
2 TRACK to AUX
7 BAND EQ
METER
MONO
MONO FADER
MONO OUT
MAIN OUTPUT L
MAIN OUTPUT R
AUX SEND
PRE
POWER AMP INPUT L
POWER AMP INPUT R
LO-CUT FILTER 12dB/oct.
POLE-ZERO COMPENSATION
PROCESSOR
LIMIT
LIMIT DISPLAY
PWR AMP L
PWR AMP R
TURN ON DELAY
POWER ON
MAINS VOLTAGE
50 - 60 Hz
PROTECTION
DC
HF
SOA
TEMP
PROTECT
RELAY
SPEAKER L
SPEAKER R
POWER AMPLIFIER
2x300 WATTS
ALTERATIONS RESERVED!
PM600BLOCK
CIRCUIT DIAGRAM
1/1
XXX XXX
PM600
2-
EVI AUDIO
MC-Service




ALTERATIONS RESERVED !

| ISSUE | REVISION | DATE | NAME |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| B | 56/97 | 23/9 | WWE |
| A | | 30/7 | WWE |

Project name: 80438c

| | DATE | NAME |
|---|---|---|
| 1996 | | |
| DSG'D | 09.12. | Wendler |
| CHK'D | | |
| APP'D | | |

EVI AUDIO DYNACORD

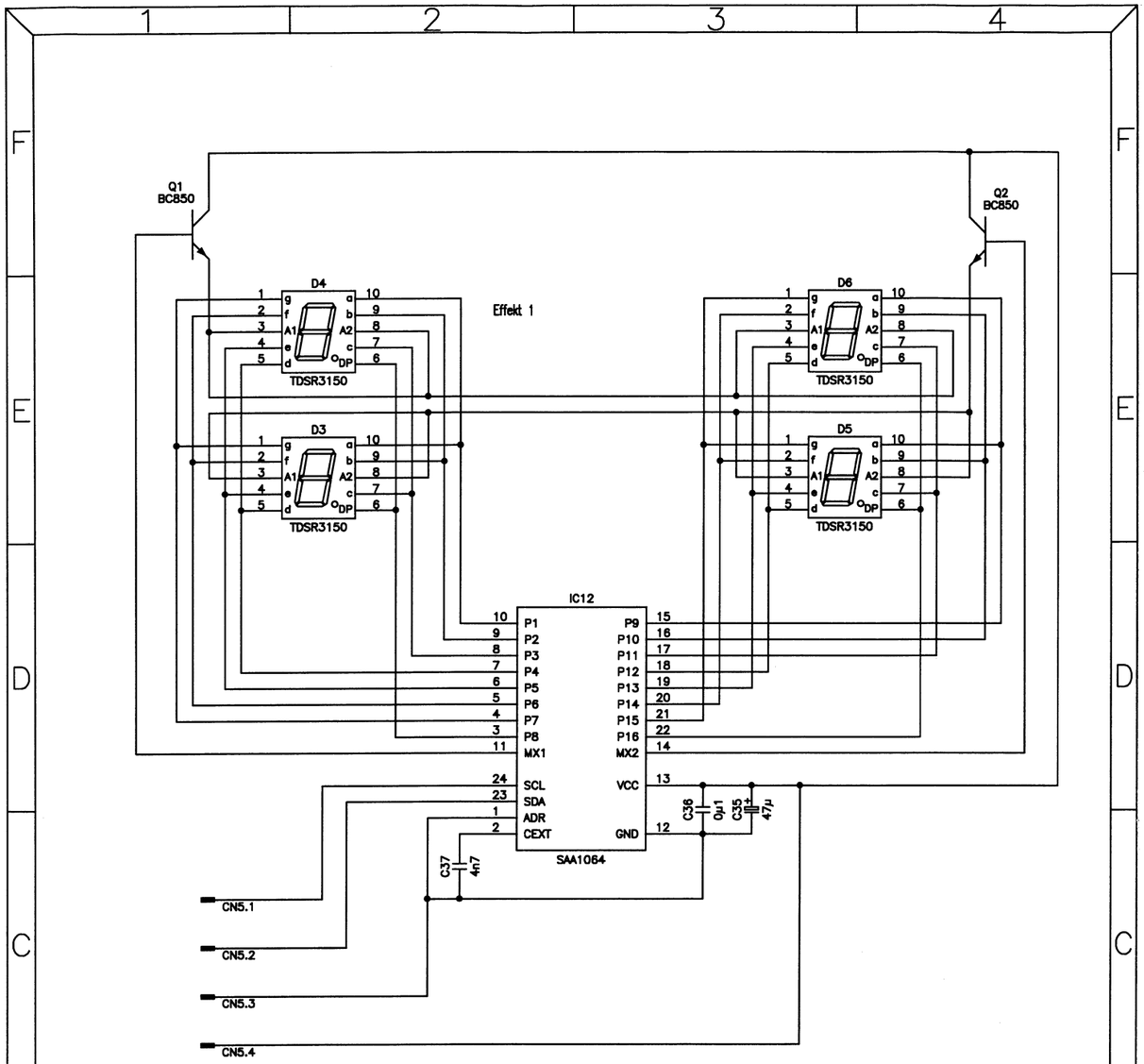
# EFFECT-BOARD
AD-DA & DSP

354013

Powermate 1000/1600

SHEET 1/2

3-




*MC-Service*

ALTERATIONS RESERVED !

| ISSUE | REVISION | DATE | NAME |
|---|---|---|---|
| | | | |

EVI AUDIO
DYNACORD

Project name:
80438c

| 1997 | DATE | NAME |
|---|---|---|
| DSG'D | 02.04. | Wendler |
| CHK'D | | |
| APP'D | | |

# EFFECT–BOARD

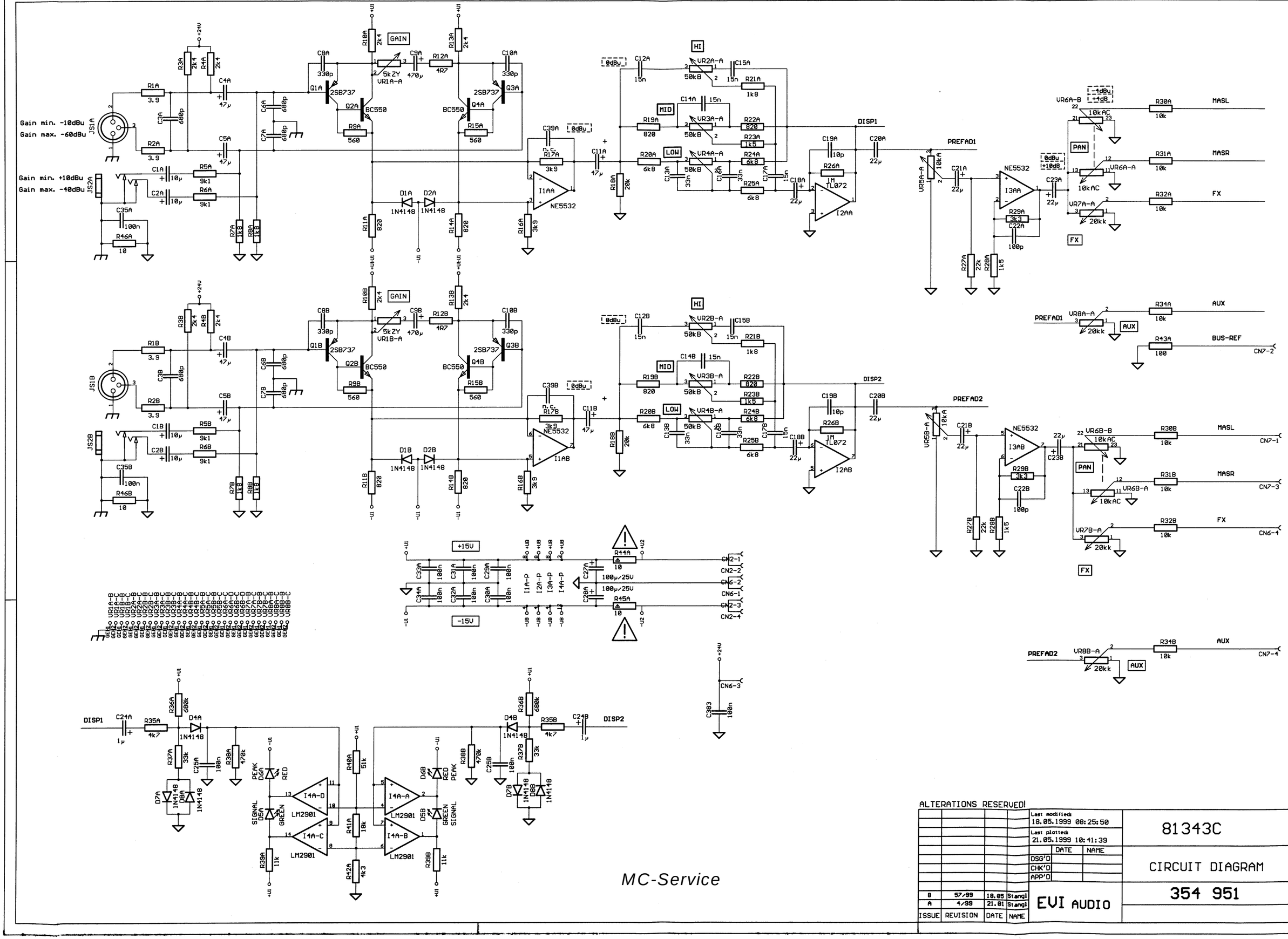
Display

354015

SHEET 2/2

Powermate 1000/1600

4–


Gain min. -10dBu
Gain max. -60dBu
Gain min. +10dBu
Gain max. -40dBu
GAIN
HI
MID
LOW
PAN
FX
AUX
DISP1
DISP2
PREFAD1
PREFAD2
MASL
MASR
BUS-REF
NE5532
TL072
LM2901
MC-Service
ALTERATIONS RESERVED!
81343C
CIRCUIT DIAGRAM
354 951
EVI AUDIO
1/5
2-
Last modified 18.05.1999 08:25:50
Last plotted 21.05.1999 10:41:39
B 57/99 18.05 Stangl
A 4/99 21.01 Stangl

LEFT MONO
JS50A
Gain min. +10dBu
Gain max. -20dBu
STEREO LINE
JS51A
+14dBu
RIGHT
JS50B
STEREO LINE
JS51B
+14dBu
RIGHT
NE5532
I50AA
I51AA
I50AB
I51AB
GAIN-LINE
HI
MID
LOW
VR51A-A
VR52A-A
VR53A-A
VR51A-B
VR52A-B
VR53A-B
VR51B-A
VR52B-A
VR53B-A
VR51B-B
VR52B-B
VR53B-B
50kB
5kRD
DISP1-L
DISP1-R
DISP2-L
DISP2-R
I52A-D
I52A-C
I52A-A
I52A-B
TL074
0dBu
+10dBu
-10dBu
+4dBu
I53AA
I54AA
I53AB
I54AB
PREFAD7
PREFAD8
POSTFAD1
POSTFAD2
PAN
FX
AUX
VR56A-A
VR57A-A
VR56B-A
VR57B-A
20kK
20kk
10kAC
10kA
MASL
MASR
BUS-REF
I55A-A
I55A-B
I55A-C
I55A-D
LM2901
PEAK
SIGNAL
RED
GREEN
1N4148
+U6
-U6
+17V
-17V
I55A-P
I53A-P
I51A-P
I54A-P
I52A-P
I50A-P

ALTERATIONS RESERVED!

| ISSUE | REVISION | DATE | NAME |
|---|---|---|---|
| B | 52/99 | 18.05 | Stangl |
| A | 1/99 | 21.01 | Stangl |

Last modified: 18.05.1999 08:25:50
Last plotted: 21.05.1999 10:41:54

| | DATE | NAME |
|---|---|---|
| DSG'D | | |
| CHK'D | | |
| APP'D | | |

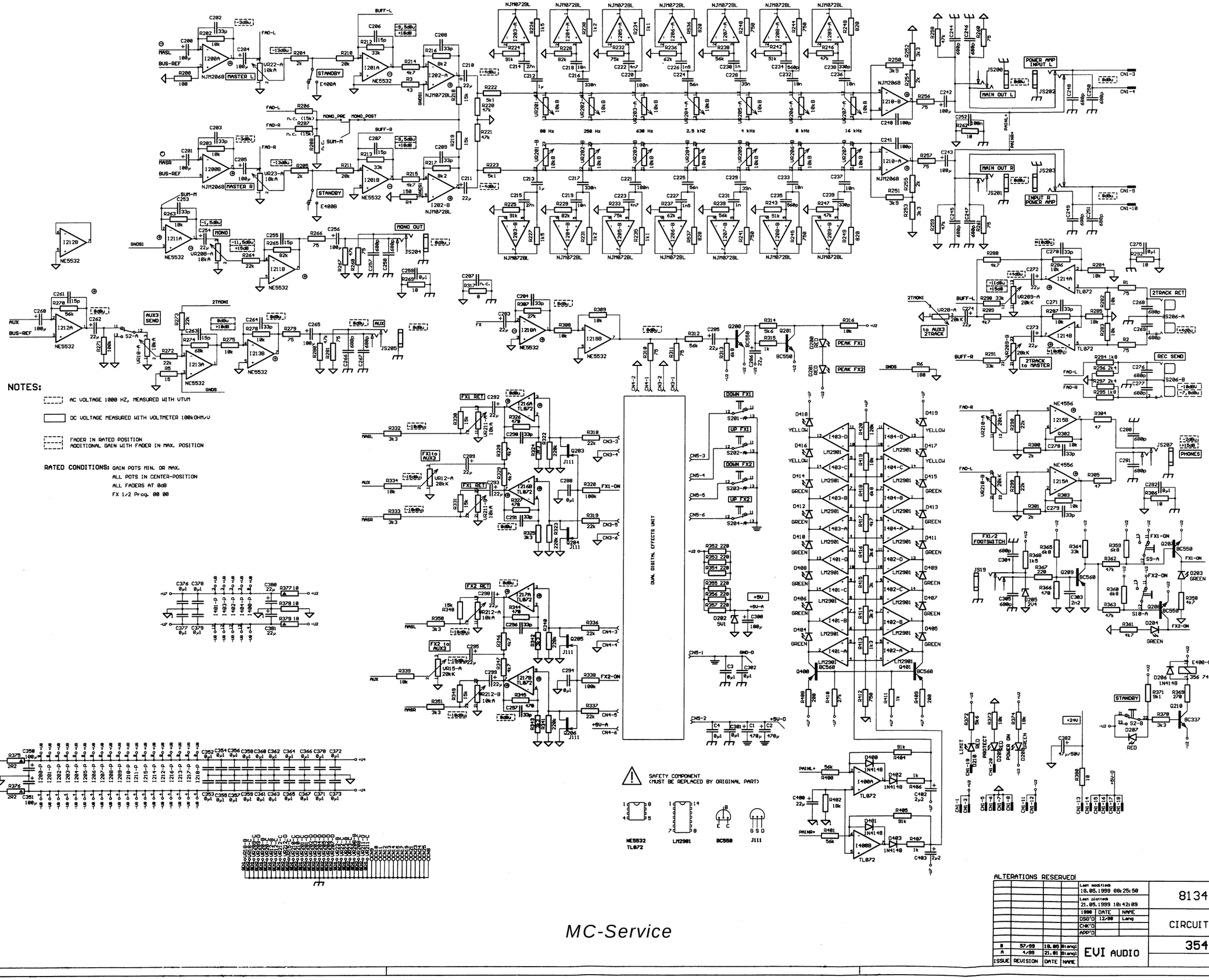
EVI AUDIO

81343C

CIRCUIT DIAGRAM 2/5

354 951 2-

MC-Service


NOTES:
AC VOLTAGE 1000 HZ, MEASURED WITH VTVM
DC VOLTAGE MEASURED WITH VOLTMETER 100kOHM/V
FADER IN RATED POSITION
ADDITIONAL GAIN WITH FADER IN MAX. POSITION
RATED CONDITIONS: GAIN POTS MIN. OR MAX.
ALL POTS IN CENTER-POSITION
ALL FADERS AT 0dB
FX 1/2 Prog. 00 00
NJM072BL
NJM2068
NE5532
TL072
LM2901
BC550
J111
MASL
MASR
BUS-REF
FAD-L
FAD-R
AUX
FX
STANDBY
MONO
MONO OUT
SUM-M
SUM-A
BUFF-L
BUFF-R
2TMONI
AUX3 SEND
to AUX 2TRACK
2TRACK RET
2TRACK to MASTER
REC SEND
PEAK FX1
PEAK FX2
DOWN FX1
UP FX1
DOWN FX2
UP FX2
FX1 RET
FX2 RET
FX1 to AUX3
FX2 to AUX3
FX1-ON
FX2-ON
FX1/2 FOOTSWITCH
POWER AMP INPUT L
POWER AMP INPUT R
MAIN OUT L
MAIN OUT R
PHONES
DUAL DIGITAL EFFECTS UNIT
SAFETY COMPONENT
(MUST BE REPLACED BY ORIGINAL PART)
ALTERATIONS RESERVED!
81343C
CIRCUIT DIAGRAM
354 951
2-
EVI AUDIO
MC-Service

T 1
MAINS TRANSFORMER
230V - DCN 354 955
100V - DCN 354 868
120/240V - DCN 356 592

PTC - TRANSFORMER

SAFETY COMPONENT, FLAMEPROOF RESISTOR (MUST BE REPLACED BY ORIGINAL PART)
POWER RESISTOR 4 WATT
AC VOLTAGE 1000 HZ, MEASURED WITH VTVM
DC VOLTAGE MEASURED WITH VOLTMETER 100kOHM/V
AC VOLTAGE 50/60 HZ MEASURED VOLTMETER 2000 OHMS/V

LM 7805 · LM 317 T · LM 337 T · MJE 15030 MJE 15031 2SC 4793 BD 241 · MJE 340 MJE 350 · BC 327 BC 337 BC 550 BC 560 BC 618 · MPSA 42 MPSA 92 2N 3904 2N 9306 BF 393 · J 111 · NE 5532 CA 3080 OP 97 FP · TL 074 · MJ 15003 MJ 15004

230V - 240V 84192/1
100V - 120V 84196/1

ALTERATIONS RESERVED!

| | | | | | |
|---|---|---|---|---|---|
| | | | | Last modified 29.04.1999 14:39:08 | 84192C |
| | | | | Last plotted 21.05.1999 10:39:57 | |
| | | | | 1998 DATE NAME | CIRCUIT DIAGRAM |
| | | | | DSG'D 12.10 Stangl | |
| | | | | CHK'D | |
| | | | | APP'D | |
| B | 15 / 98 | 02/98 | Stangl | EVI AUDIO | 354 953 |
| | Nullserie | 01/98 | Stangl | | PowerMate 600 |
| ISSUE | REVISION | DATE | NAME | | 2- |

MC-Service

T 1
MAINS TRANSFORMER
230V - DCN 354 955
100V - DCN 356 865
120-240V - DCN 356 592

PTC - TRANSFORMER

SAFETY COMPONENT, FLAMEPROOF RESISTOR (MUST BE REPLACED BY ORIGINAL PART)
POWER RESISTOR 4 WATT
AC VOLTAGE 1000 HZ, MEASURED WITH VTVM
DC VOLTAGE MEASURED WITH VOLTMETER 100kOHM/V
AC VOLTAGE 50/60 HZ MEASURED VOLTMETER 2000 OHMS/V

LM 7805 · LM 317 T · LM 337 T · MJE 15030 MJE 15031 2SC 4793 BD 241 · MJE 340 MJE 350 · BC 327 BC 337 BC 558 BC 568 BC 618 · MPSA 42 MPSA 92 2N 3904 2N 3906 BF 393 · J 111 · NE 5532 CA 3080 OP 97 FP · TL 074 · MJ 15003 MJ 15004

230V - 240V 84192/1
100V - 120V 84196/1

ALTERATIONS RESERVED!

| ISSUE | REVISION | DATE | NAME |
|---|---|---|---|
| E | 53/00 | 04/00 | Stangl |
| D | 157 / 99 | 12/00 | Lang |
| C | 145 / 98 | 11/98 | Lang |
| B | 15 / 99 | 02/99 | Stangl |
| | Nullserie | 01/99 | Stangl |

Last modified: 05.06.2000 12:17:08
Last plotted: 08.06.2000 11:31:02

| | DATE | NAME |
|---|---|---|
| DSG'D | 12.10 | Stangl |
| CHK'D | | |
| APP'D | | |

EVI AUDIO

84192d

CIRCUIT DIAGRAM

354 953

PM600 / PSX600

2-

*MC-Service*

## MONO CHANNELS

MIC
+24V
GAIN
LF +/-
MF +/-
HF +/-
PEAK
SIGNAL
AUX
CHANNEL VOLUME
3 BAND EQ
PAN
FX
LINE

## STEREO CHANNELS

PEAK
SIGNAL
L/MONO
LF +/-
MF +/-
HF +/-
AUX
3 BAND EQ
TRIM
STEREO LINE
CHANNEL VOLUME
BAL
FX
R
3 BAND EQ

MASTER L
MASTER R
FX
AUX

Σ FX
FX1 to AUX
FX1 RETURN
FX1 ON
FX2 to AUX
FX2 RETURN
FX2 ON

DUAL STEREO EFFECTS
FX1
FX2
UP DOWN UP DOWN
FOOTSWITCH FX1/FX2
PEAK FX2
PEAK FX1

REC. SEND
L
MASTER FADER L
MASTER L
PHONES
VOLUME
STANDBY
MASTER R
MASTER FADER R
R
REC. SEND

2 TRACK RETURN L
2 TRACK to MASTER
2 TRACK RETURN R
2 TRACK to AUX

7 BAND EQ
BAND EQ
+/- +/- +/- +/- +/- +/- +/-
METER

MONO
MONO FADER
MONO OUT
MAIN OUTPUT L
MAIN OUTPUT R

AUX
PRE
AUX SEND
STANDBY
AUX SEND

POWER AMP INPUT L
POWER AMP INPUT R
fc=70Hz
LO-CUT FILTER 12dB/oct.
POLE-ZERO COMPENSATION
PROCESSOR
PWR AMP L
PWR AMP R
LIMIT
LIMIT DISPLAY
LIMIT
TURN ON DELAY
PROTECTION
DC
HF
SOA
TEMP
POWER ON
MAINS VOLTAGE
50 - 60 Hz
PROTECT
RELAY
RELAY
SPEAKER L
SPEAKER R

*MC-Service*

POWER AMPLIFIER
2x300 WATTS

ALTERATIONS RESERVED!

| ISSUE | REVISION | DATE | NAME |
|---|---|---|---|
| | | | |

Last modified: 25.05.2000 11:02:48
Last plotted: 30.05.2000 16:00:10

| | DATE | NAME |
|---|---|---|
| DSG'D | 10.98 | Taffner |
| CHK'D | | |
| APP'D | | |

EVI AUDIO

PM600BLOCK

CIRCUIT DIAGRAM 1/1

XXX XXX

PM600 2-